z/OS

JES3 Data Areas, Volume 2 (IATYIFC - IATYMVDA)

GA22-7544-03

z/OS

JES3 Data Areas, Volume 2 (IATYIFC - IATYMVDA)

GA22-7544-03

Note

Before using this information and the product it supports, be sure to read the general information under “Notices” on page 603.

Fourth Edition, September 2002

This is a major revision of GA22-7544-03.

This edition applies to Version 1 Release 4 of z/OS (5694-A01) and Version 1, Release 4 of z/OS.e (5655-G52), and to all subsequent releases and modifications until otherwise indicated in new editions or technical newsletters.

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About This Book

This book provides graphic presentations of many data areas used by the operating system, application programs, and system programs. This book provides the data areas that:

- Are used by two or more components
- Are programming interfaces
- Are used for debugging or diagnosis

This book supports z/OS (5694-A01) and z/OS.e (5655-G52).

For the latest information updates that have been provided in PTF cover letters and Documentation APARS for z/OS and z/OS.e, see the online document at:

`http://www.s390.ibm.com:80/bookmgr-cgi/bookmgr.cmd/BOOKS/ZIDOCMST/CCONTENTS`

Who Should Use This Book

This book is for system programmers who diagnose and debug operating system and programming problems. It provides information for debugging installation-provided programs or diagnosing IBM-provided programs. The user of this publication should have a working knowledge of the operating system.

How To Use This Book

Data areas are sequenced alphanumerically by data area acronym. Each data area has up to four sections:

- Programming Interface Information
- Header
- Data area map
- Cross-reference, if the data area map is long enough

There are four volumes of *Data Areas*. The following list shows the range of data areas included in each volume:

z/OS JES3 Data Areas, Volume 1 (IATYARL-IATYIDD)	GA22-7543
z/OS JES3 Data Areas, Volume 2 (IATYIFC-IATYMPC)	GA22-7544
z/OS JES3 Data Areas, Volume 3 (IATYMWTO-IATYSRD)	GA22-7545
z/OS JES3 Data Areas, Volume 4 (IATYSRF-IATY8FB)	GA22-7546

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The Header

The header includes some or all of the following:

Common Name: The descriptive name of the data area.

Macro ID: The name of the mapping macro for the data area. Mapping macros can be issued in programs to generate a copy of the data area.

DSECT Name: Name of the dummy control section (DSECT) created by the mapping macro.

Owning Component: Component name and component identifier in parentheses.

Eye-Catcher ID: Character string identifier of the eye-catcher (sometimes called the **control block id**) within the mapping macro. The offset and length of the eye-catcher are also included.

Storage Attributes: The storage attributes of the data area, including the following:

- **Main Storage:** Central storage attributes of the data area.
- **Virtual Storage:** Virtual storage attributes of the data area.
- **Auxiliary Storage:** Spool storage attributes of the data area.
- **Subpool and Key:** Subpool is the area of virtual storage that contains the data area. Key is the storage protect key for the storage represented by the data area.

Size: The size of the data area in decimal bytes.

Created by: Module, macro, or component whose use creates the data area.

Pointed to by: Registers or data area fields that contain the address of the data area.

Serialization: Method used to ensure that one user does not update a data area that is being updated or used by another user. The most common methods used for serialization are:

- Lock or locks
- ENQ and DEQ macros
- Compare and Swap (CS) instruction
- Disablement, which is disabling interruptions by setting bits in the program status word (PSW) of the program using the data area

Function: Brief description of the use of the data area.

Data Area Map

The data area is described field by field. These field descriptions are taken directly from the system code.

The following is an example of the field descriptions for the ANYAREA data area:

Offsets					
Dec	**Hex**	**Type**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	384	ANYAREA	
0	(0)	CHARACTER		ANYBEGIN	BEGINNING OF ANYAREA
0	(0)	CHARACTER	4	ANYACRO	ACRONYM IN EBCDIC -ANY-
4	(4)	ADDRESS	4	ANYADDR	ADDRESS OF NEXT ANYAREA ON QUEUE

For each field in the data area, the data area map provides the following information:

Offsets The address of the field, shown in both decimal (DEC) and hexadecimal (HEX in parentheses), relative to the beginning of the data area.

Type The kind of program data defined for this field, as follows:

Type	Description
A-ADDRESS	A-type address constant
BAL STMT	Instruction
BITSTRING	Bitstring constant
CHARACTER	Character value
FIXED	Arithmetic signed or unsigned value
FLOATING	Floating-point binary value
HEX	Hexadecimal value
OFFSET	Q-type address constant
PACKED	Packed decimal value
S-ADDRESS	S-type address constant
SIGNED	Arithmetic signed value
STRUCTURE	Level 1 control block name
UNSIGNED	Unsigned value
V-ADDRESS	V-type address constant
Y-ADDRESS	Y-type address constant
ZONED	Zoned decimal value

Len Size of the field in decimal bytes.

Name (Dim) The name of the field, bit, or mask.

Bit or mask names are preceded by a description of bit position and value, as follows:

```
1... ....      Refers to bit 0.
.... ..11      Refers to bits 6 and 7.
...1 ....      Refers to bit 3.
11.. 1111      Refers to bits 0, 1, 4, 5, 6, and 7.
```

Description A description of the purpose or meaning of the field, bit, or mask.

Cross Reference

For each data area with more than 25 fields, Cross Reference shows the following:

Name The name of the field, bit, or mask.

Hex Offset The hexadecimal offset of the field into the data area. For bits, the hexadecimal offset of the field containing the bit.

Hex Value Hexadecimal values are shown only for bits. The hexadecimal value shown implies the position of the bit in the field containing the bit.

Level Level of subordination for that field.

Bit ANYBIT in the following illustration shows how to use the hexadecimal value. In the Example, cross reference for the ANYBIT bit looks like this:

Name	Hex Offset	Hex Value
ANYBIT	F0	80

In the map of the data area, the ANYBIT bit appears like this:

```
240    (F0)  FIXED      4   ANYWORD     DISPATCHER INTERSECT CONTROL WORD
240    (F0)  BITSTRING  1   ANYBYTE     FLAG BYTE (MDC323)

             1... ....      ANYBIT      "X'80'" BIT ON MEANS THIS. . .    .
```

X'F0' is the offset of field ANYWORD into the data area. ANYWORD is a 4-byte field, which contains a 1-byte field named ANYBYTE. Both ANYWORD and ANYBYTE have the same offset. The first bit in both fields is named ANYBIT. Ignoring the other bits in the field ANYBYTE, if the ANYBIT bit is on, the value of field ANYBYTE would be 1000 0000, which is equivalent to X'80'. This value (X'80') is shown both in the Description in the data area map and in the column of the cross reference.

Where to find more information

For complete titles and order numbers of the books for all products that are part of z/OS, see *z/OS Information Roadmap*.

Summary of Changes

Summary of Changes
for GA22-7544-03
z/OS Version 1 Release 4

This book contains information previously presented in *z/OS JES3 Data Areas*, GA22-7544-02, which supports z/OS Version 1 Release 2.

New Information

Information is added to include support for z/OS.e.

The following data areas have been added:

- IATYINM4
- IATYITR

This document contains terminology, maintenance and editorial changes. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

Starting with z/OS V1R2, you may notice changes in the style and structure of some content in this document — for example, headings that use uppercase for the first letter of initial words only, and procedures that have a different look and format. The changes are ongoing improvements to the consistency and retrievability of information in our documents.

Summary of Changes
for GA22-7544-01 and GA22-7544-02
z/OS Version 1 Release 2

The document contains information previously presented in GA22-7544-00, which supports z/OS Version 1 Release 1.

New Information

The following data areas have been added:

- IATYJDSX
- IATYJET
- IATYJLSI
- IATYJLSP
- IATYJMU

This document contains terminology, maintenance and editorial changes. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

Summary of Changes
for GA22-7544-00
z/OS Version 1 Release 1

The document contains information also presented in *OS/390 JES3 Data Areas*.

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JES3 Data Areas

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IATYIFC Heading Information

Common Name: CONVERTER/INTERPRETER FSS CONTROL BLOCK
Macro ID: IATYIFC
DSECT Name: IFCSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IFC
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0 (JESPOOL)
Auxiliary Storage: N/A
Size: 376 Bytes
Created by: IATINFC
Pointed to by: TVTIFCAD in IATYTVT
Register 13 of CI FSS Driver Module IATIIFC
Serialization: None
Function: This control block is used to map the data area used by the C/I FSS driver module IATIIFC.

IATYIFC Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	IFCSTART	C/I FSS CONTROL BLOCK
0	(0)	CHARACTER	4	IFCID	CONTROL BLOCK ID
				Comment	
				------DO NOT MOVE THE BOUNDRY ALIGNMENT FROM BEFORE THE ECF---	
				End of Comment	
4	(4)	SIGNED	4	(0)	BOUNDRY ALIGNMENT FOR ECF *
4	(4)	BITSTRING	1	IFCECF	C/I FSS DRIVER MODULES ECF *
				Comment	

				End of Comment	
		1...		IFCORDER	"X'80'" POST TO PROCESS ORDERS
		.1..		IFCENDFN	"X'40'" POST FROM JOB ENDING FUNCTION
		..1.		IFCSTOPN	"X'20'" STOP FSS ORDER NORMAL
		...1		IFCSTOPA	"X'10'" STOP FSS ORDER ABNORMAL
		.... 1...		IFCSTOPD	"X'08'" STOP FSS AND DUMP
4	(4)	X'F8'	0	IFCPOST	"IFCORDER+IFCENDFN+IFCSTOPN+IFCSTOPA+IFCSTOPD" MASK FOR ALL POSTS
5	(5)	BITSTRING	1	IFCRSECF (3)	RESERVED FOR ECFS
				Comment	
				CCB CHAIN POINTERS	
				End of Comment	
8	(8)	ADDRESS	4	IFCOCTOP	ORDER ROUTINE CCB TOP POINTER
12	(C)	ADDRESS	4	IFCPCTOP	PROCLIB ORDER CCB TOP POINTER
16	(10)	ADDRESS	4	IFCMCTOP	MODIFY COUNT CCB TOP POINTER

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Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
20	(14)	ADDRESS	4	IFCEDTOP	ENABLE DISABLE CCB TOP POINTER
24	(18)	ADDRESS	4	IFCJCTOP	PROCESS JOB CCB TOP POINTER
28	(1C)	ADDRESS	4	IFCFCTOP	PROCESS JOB CANCEL/FAIL POINTER
32	(20)	ADDRESS	4	IFCRSCCB (4)	RESERVED FOR CCB CHAINS

Comment

FSI PARAMETER LIST ADDRESSES

End of Comment

48	(30)	ADDRESS	4	IFCFSIPC	PTR TO FSIP FOR FSIREQ CONNECT/DISCONNECT
52	(34)	ADDRESS	4	IFCFSIPS	PTR TO FSIP FOR FSIREQ SEND

Comment

POINTERS TO PREALLOCATED RESPONSE CCBS

End of Comment

56	(38)	ADDRESS	4	IFCPRESC	PROCLIB RESPONSE CCB POINTER
60	(3C)	ADDRESS	4	IFCMRESC	MODIFY COUNT RESPONSE CCB
64	(40)	ADDRESS	4	IFCJRESC	PROCESS JOB NORMAL RESPONSE
68	(44)	ADDRESS	4	IFCNRESC	PROCESS JOB NAVAIL RESPONSE
72	(48)	ADDRESS	4	IFCRRCCB (4)	RESERVED FOR RESPONSE CCBS

Comment

MISCELLANEOUS COUNTS AND EQUATES

End of Comment

88	(58)	SIGNED	4	IFCPCBCT	PROCLIB ORDER CCB COUNT
92	(5C)	SIGNED	4	IFCPCBMX	PROCLIB ORDER CCB MAX COUNT
96	(60)	BITSTRING	8	IFCORDID (0)	PROCLIB (TYPE=BUILD) ORDER IDENTIFICATION NUMBER
96	(60)	SIGNED	4	IFCPJOID	JES3 PORTION OF ORDER ID NO.
100	(64)	SIGNED	4	IFCPFOID	FSS PORTION OF ORDER ID NO.
104	(68)	BITSTRING	8	IFCMORID (0)	MODIFY COUNT ORDER IDENTIFICATION NUMBER
104	(68)	SIGNED	4	IFCMJOID	JES3 PORTION OF ORDER ID NO.
108	(6C)	SIGNED	4	IFCMFOID	FSS PORTION OF ORDER ID NO.
112	(70)	SIGNED	4	IFCNASEQ	LAST RESPONSE SEQUENCE NO. FOR MODIFY COUNT AND PROCESS JOB (NAVAIL) RESPONSES
112	(70)	X'10'	0	IFCCDLEN	"CDFIDSZ+CDFIDSZ" LENGTH OF TWO FSIP CONNECT/DISCONNECT ID AREAS

Comment

FLAGS

End of Comment

116	(74)	BITSTRING	1	IFCFLAG1	IFC FLAG ONE

Comment

DEFINITION OF IFCFLAG1

End of Comment

1...	IFCRETRY	"X'80'" RETRY ROUTINE IS ACTIVE
.1..	IFCRQNAV	"X'40'" RQ NOT AVAILABLE FOR JOB ON PROCESS JOB CCB CHAIN
..1.	IFCLAST	"X'20'" LAST PROCLIB CCB FOUND
...1	IFCRF110	"X'10'" RESERVED FLAG
.... 1...	IFCRF108	"X'08'" RESERVED FLAG
.... .1..	IFCRF104	"X'04'" RESERVED FLAG
.... ..1.	IFCRF102	"X'02'" RESERVED FLAG

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1		IFCRF101	"X'01'" RESERVED FLAG
117	(75)	BITSTRING	1	IFCTRMFL	NORMAL FSS TERMINATION FLAG

Comment

DEFINITION OF IFCTRMFL

End of Comment

		1...		IFCTRMFS	"X'80'" NORMAL STOP FSS HAS BEEN ISSUED
		.1..		IFCRTR40	"X'40'" RESERVED FLAG
		..1.		IFCRTR20	"X'20'" RESERVED FLAG
		...1		IFCRTR10	"X'10'" RESERVED FLAG
		.... 1...		IFCRTR08	"X'08'" RESERVED FLAG
		.... .1..		IFCRTR04	"X'04'" RESERVED FLAG
		.... ..1.		IFCRTR02	"X'02'" RESERVED FLAG
		1		IFCRTR01	"X'01'" RESERVED FLAG
118	(76)	BITSTRING	1	IFCTRACE	IIFC JESTAE TRACE FLAG

Comment

DEFINITION OF IFCTRACE

End of Comment

118	(76)	X'1'	0	IFCENTRY	"1" ENTRY PHASE OF IATIIFC
118	(76)	X'2'	0	IFCSORTP	"2" SORT PHASE OF IATIIFC
118	(76)	X'3'	0	IFCPROCP	"3" PROCLIB ORDER PHASE
118	(76)	X'4'	0	IFCPROCB	"4" ENTERING IIFP FOR PROC BUILD
118	(76)	X'5'	0	IFCMODCP	"5" MODIFY COUNT ORDER PHASE
118	(76)	X'6'	0	IFCPROJP	"6" PROCESS JOB ORDER PHASE
118	(76)	X'7'	0	IFCCANFP	"7" CANCEL OR FAIL ORDER PHASE
118	(76)	X'8'	0	IFCENDGP	"8" ENDING FUNCTION PHASE
118	(76)	X'9'	0	IFCINATP	"9" IATINAT IS IN STORAGE
118	(76)	X'A'	0	IFCMODCR	"10" MODIFY COUNT RESPONSE PHASE
118	(76)	X'B'	0	IFCPROCR	"11" PROCLIB RESPONSE PHASE
118	(76)	X'C'	0	IFCAPNDG	"12" ENTERING CONSOLE APPENDAGE
118	(76)	X'D'	0	IFCDISCN	"13" FSS DISCONNECT PHASE
119	(77)	BITSTRING	1	IFCRFLGD (2)	RESERVED FOR DEVELOPMENT
121	(79)	BITSTRING	1	IFCRFLGS (2)	RESERVED FOR SERVICE
123	(7B)	BITSTRING	1	IFCRFLGU	RESERVED FOR USER

Comment

SAVE AREAS

End of Comment

124	(7C)	SIGNED	4	IFCSAV18 (18)	SAVE AREA FOR FSIREQ
196	(C4)	SIGNED	4	IFCSAVFL	SAVE AREA FOR CONDITION CODE
196	(C4)	X'C7'	0	IFCSAVPT	"IFCSAVFL+3" POINTER TO THE LAST BYTE

Comment

DM207 CONDITION CODES

End of Comment

		.... .1..		IFCMDNTF	"X'04'" IATINFC - MEMDATA ENTRY NOT FOUND
		.... 1...		IFCFOLDF	"X'08'" IATINFC - LOAD OF IATIIFO FAILED
		.... 11..		IFCIFLDF	"X'0C'" IATINFC - LOAD OF IATINIF FAILED
		...1		IFCMSLDF	"X'10'" IATINFC - LOAD OF IATIIMS FAILED
		...1 .1..		IFC0MPC	"X'14'" IATINFC - MPC ADDRESS IN TVT IS ZERO
		...1 1...		IFCCFAIL	"X'18'" IATIIFC - FSIREQ CONNECT FAILED

IATYIFC Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		...1 11..		IFCPCNTF	"X'1C'" IATIIFC - PROCLIB SPECIFIED IN THE CCB WAS NOT FOUND
		..1.		IFCBDCCB	"X'20'" IATIIFC - A BAD CCB WAS DETECTED
		..1. .1..		IFCDISCF	"X'24'" IATIIFC - FSS DISCONNECT FAILED
		..1. 1...		IFCBDCAR	"X'28'" IATIIFC - BAD CONSOLE APPENDAGE RETURN

Comment

CONSOLE BUFFER AREA FOR CANCELING JOBS IN CI

End of Comment

200	(C8)	BITSTRING	316	IFCCNBUF	
516	(204)	SIGNED	4	IFCEND (0)	IFC CONTROL BLOCK END
516	(204)	X'204'	0	IFCLENTH	"IFCEND-IFCSTART" IFC CONTROL BLOCK LENGTH

IATYIFC Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
IFCAPNDG	76	C	IFCPFOID	64	
IFCBDCAR	C4	28	IFCPJOID	60	
IFCBDCCB	C4	20	IFCPOST	4	F8
IFCCANFP	76	7	IFCPRESC	38	
IFCCDLEN	70	10	IFCPROCB	76	4
IFCCFAIL	C4	18	IFCPROCP	76	3
IFCCNBUF	C8		IFCPROCR	76	B
IFCDISCF	C4	24	IFCPROJP	76	6
IFCDISCN	76	D	IFCRETRY	74	80
IFCECF	4		IFCRFLGD	77	
IFCEDTOP	14		IFCRFLGS	79	
IFCEND	204		IFCRFLGU	7B	
IFCENDFN	4	40	IFCRF101	74	1
IFCENDGP	76	8	IFCRF102	74	2
IFCENTRY	76	1	IFCRF104	74	4
IFCFCTOP	1C		IFCRF108	74	8
IFCFLAG1	74		IFCRF110	74	10
IFCFOLDF	C4	8	IFCRQNAV	74	40
IFCFSIPC	30		IFCRRCCB	48	
IFCFSIPS	34		IFCRSCCB	20	
IFCID	0	C9C6C340	IFCRSECF	5	
IFCIFLDF	C4	C	IFCRTR01	75	1
IFCINATP	76	9	IFCRTR02	75	2
IFCJCTOP	18		IFCRTR04	75	4
IFCJRESC	40		IFCRTR08	75	8
IFCLAST	74	20	IFCRTR10	75	10
IFCLENTH	204	204	IFCRTR20	75	20
IFCMCTOP	10		IFCRTR40	75	40
IFCMDNTF	C4	4	IFCSAVFL	C4	
IFCMFOID	6C		IFCSAVPT	C4	C7
IFCMJOID	68		IFCSAV18	7C	
IFCMODCP	76	5	IFCSORTP	76	2
IFCMODCR	76	A	IFCSTART	0	
IFCMORID	68		IFCSTOPA	4	10
IFCMRESC	3C		IFCSTOPD	4	8
IFCMSLDF	C4	10	IFCSTOPN	4	20
IFCNASEQ	70		IFCTRACE	76	
IFCNRESC	44		IFCTRMFL	75	
IFCOCTOP	8		IFCTRMFS	75	80
IFCORDER	4	80	IFC0MPC	C4	14
IFCORDID	60				
IFCPCBCT	58				
IFCPCBMX	5C				
IFCPCNTF	C4	1C			
IFCPCTOP	C				

IATYIIC Heading Information

Common Name: Initialization Input Control Area
Macro ID: IATYIIC
DSECT Name: IICSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IIC
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: IICHSIZE bytes for IICSTART
IICESIZE bytes for IICENTRY
Created by: IATINRN (INPUTINT) - Input Initialization routine
Pointed to by: INTIICAD in IATYINT
IICHEPTR in IATYIIC
Serialization: NONE
Function: This Initialization Input Control Area contains information that is used to read records from the initialization stream. It consists of a header and multiple entries. Each entry represents either the primary JES3 initialization stream member, or an included member created as a result of finding an INCLUDE statement within another member.

IATYIIC Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	IICSTART	, Initialization Input Control Area
0	(0)	CHARACTER	4	IICHID	Control block id
4	(4)	SIGNED	2	IICHTOSZ	Total size of the IIC including the IIC entries
6	(6)	SIGNED	2	IICHRSV1	Reserved for development
8	(8)	CHARACTER	44	IICHPDSN	Data set name associated with the primary member

Comment

```
-----------------------------------------------------------
      Current member information.
-----------------------------------------------------------
```

End of Comment

52	(34)	ADDRESS	4	IICHEPTR	Current IIC entry pointer
56	(38)	SIGNED	2	IICHLEVL	Number of initialization stream member levels
56	(38)	X'4'	0	IICHMXLV	"4" Maximum number of init. stream member levels (one primary and up to 3 INCLUDE levels)

Comment

```
-----------------------------------------------------------
      Definition of IICHFLG1.
-----------------------------------------------------------
```

End of Comment

58	(3A)	BITSTRING	1	IICHFLG1	IIC header flag one
59	(3B)	BITSTRING	5	IICHRSV2	Reserved for development

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IATYIIC Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
64	(40)	DBL WORD	8	IICHEND (0)	End of control block
64	(40)	X'40'	0	IICHSIZE	"IICHEND-IICSTART" Size of control block

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IICENTRY	,
0	(0)	CHARACTER	4	IICEID	Control block id
4	(4)	ADDRESS	4	IICEDCBA	DCB address
8	(8)	CHARACTER	8	IICEMEMN	Member name being used
16	(10)	CHARACTER	8	IICEDDNM	DDNAME being used
16	(10)	X'16'	0	IICEDSFX	"IICEDDNM+6,2" DDname suffix value
24	(18)	CHARACTER	44	IICEDSNM	Data set name being used

Comment

```
-----------------------------------------------------------------
      Dynamic allocation/unallocation information.
-----------------------------------------------------------------
```

End of Comment

68	(44)	SIGNED	4	IICEDYRC	DYNALLOC return code
72	(48)	SIGNED	2	IICEDYER	Error reason code
74	(4A)	SIGNED	2	IICEDYIF	Information reason code

Comment

```
-----------------------------------------------------------------
      Definition of IICEFLG1.
-----------------------------------------------------------------
```

End of Comment

76	(4C)	BITSTRING	1	IICEFLG1	IIC entry flag one
		1...		IICPRIM	"X'80'" This entry is for the primary initialization stream member
		.1..		IICINCLU	"X'40'" This entry was created as a result of an INCLUDE
		..1.		IICDYNAL	"X'20'" Dynamic allocation was performed
		...1		IICOPEN	"X'10'" Open was performed
		.... 1...		IICGMDCB	"X'08'" The DCB used for this entry is GETMAINed.
		.... .1..		IICMEMNF	"X'04'" Open failed because member not found
		.... ..1.		IICEOF	"X'02'" End of file occurred
		1		IICRF101	"X'01'" Reserved flag
77	(4D)	BITSTRING	3	IICRSVD1	Reserved for development
80	(50)	DBL WORD	8	IICEEND (0)	End of entry
80	(50)	X'50'	0	IICESIZE	"IICEEND-IICENTRY" Size of entry

IATYIIC Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
IICDYNAL	4C	20	IICESIZE	50	50
IICEDCBA	4		IICGMDCB	4C	8
IICEDDNM	10	40404040	IICHEND	40	
IICEDSFX	10	16	IICHEPTR	34	
IICEDSNM	18	40404040	IICHFLG1	3A	0
IICEDYER	48	0	IICHID	0	C9C9C340
IICEDYIF	4A	0	IICHLEVL	38	0
IICEDYRC	44	0	IICHMXLV	38	4
IICEEND	50		IICHPDSN	8	40404040
IICEFLG1	4C	0	IICHRSV1	6	0
IICEID	0	C9C9C3C5	IICHRSV2	3B	0
IICEMEMN	8	40404040	IICHSIZE	40	40
IICENTRY	0		IICHTOSZ	4	0
IICEOF	4C	2	IICINCLU	4C	40

Name	Hex Offset	Hex Value
IICMEMNF	4C	4
IICOPEN	4C	10
IICPRIM	4C	80
IICRF101	4C	1
IICRSVD1	4D	0
IICSTART	0	

IATYIIW Programming Interface information

Programming Interface information

IATYIIW

The following fields are **NOT** programming interface information:

- IIWESTAE
- IIWJRPL
- IIWSRPL
- IIWSWAAD
- IIWSWB
- IIWVAT

End of Programming Interface information

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IATYIIW Heading Information

Common Name: INTERPRETER COMPATIBILITY WORK AREA
Macro ID: IATYIIW
DSECT Name: IIWORK
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: SUBPOOL 0 - below 16M
Auxiliary Storage: N/A
Size: 1692 Bytes
Created by: IATIIII
Pointed to by: R9 while IATIIII is ACTIVE
Serialization: None
Function: This macro maps the work area used by the Interpreter DSP Initiator Interface routine.

IATYIIW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ZB505	
0	(0)	CHARACTER	28	SWAEPAX (0)	MAPPING OF EXTENDED EPA FOR LOCATE/ALL
0	(0)	CHARACTER	16	SWAEPA (0)	MAPPING OF STANDARD EPA
0	(0)	SIGNED	4	SWBLKPTR	POINTER TO BLOCK
4	(4)	SIGNED	4	SWVAFW (0)	4 BYTE SWA VIRTUAL ADDRESS
4	(4)	CHARACTER	3	SWVA	3 BYTE SWA VIRTUAL ADDRESS
7	(7)	CHARACTER	1	SWBLKID	BLOCK ID OR ZERO
8	(8)	SIGNED	4	SWLNGTH	LENGTH OF SWA BLOCK (NOT INCLUDING SWA PREFIX)
12	(C)	SIGNED	4	SWCHNPTR	CHAIN POINTER OR ZERO
16	(10)	SIGNED	4	SWQMPA	POINTER TO QMPA OR ZERO
20	(14)	SIGNED	4	SWPFXPTR	POINTER TO SWA PREFIX
24	(18)	SIGNED	2	SWPFXLTH	LENGTH OF SWA PREFIX
26	(1A)	CHARACTER	2	SWLVERS	VERSION NUMBER

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ZB506	
0	(0)	CHARACTER	16	SWAMEPAX (0)	MOVE MODE EPA MAPPING FOR EXTENDED EPAS
0	(0)	CHARACTER	8	SWAMMEPA (0)	MOVE MODE EPA MAPPING FOR STANDARD EPAS
0	(0)	SIGNED	4	SWBUFPTR (0)	FOR READ OR WRITE - BUFFER ADDRESS
0	(0)	CHARACTER	3	SWASNVA	FOR ASSIGNS (SVA)
3	(3)	CHARACTER	1	SWASNZO	4TH BYTE OF SVA0 - FOR ASSIGNS REMAINDER NOT USED FOR ASSIGNS
4	(4)	CHARACTER	3	SWROWVA	SVA FOR READ OR WRITE
7	(7)	CHARACTER	1	SWWRTID	FOR 8 OR 16 BYTE EPAS, THIS IS THE ID OF THE BLOCK TO BE WRITTEN
8	(8)	CHARACTER	4	SWLENGTH	LENGTH OF SWA BLOCK NOT INCLUDING THE PREFIX TO BE ASSIGNED FOR AN ASSIGN OR A WRITE/ASSIGN
12	(C)	CHARACTER	1	SWASGNID	FOR 16 BYTE EPAS, THIS IS THE ID OF THE BLOCK TO BE ASSIGNED
13	(D)	CHARACTER	2	SWMVERS	VERSION NUMBER
15	(F)	CHARACTER	1		RESERVED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IIWORK	
0	(0)	CHARACTER	8	IIWNAM	- NAME OF CONTROL BLOCK
8	(8)	DBL WORD	8	IIWSRPL (0)	- RPL

Comment

```
IFGRPL DSECT=NO
$MAC(IFGRPL):
PROPRIETARY V3 STATEMENT
LICENSED MATERIALS - PROPERTY OF IBM
"RESTRICTED MATERIALS OF IBM"
5647-A01
(C) COPYRIGHT 1980,2000 IBM CORP.
END PROPRIETARY V3 STATEMENT
STATUS = DFSMS VERSION 2 RELEASE 10
DESCRIPTIVE NAME = REQUEST PARAMETER LIST (RPL)
FUNCTION =
THE RPL CONTAINS USER REQUEST AND ERROR PASSBACK
INFORMATION. IT IS USED BY VSAM AND VTAM, OR WHEN THE
JOB ENTRY SUBSYSTEM(JES) IS BEING USED IN VS1, TO
MAINTAIN INFORMATION REQUIRED BY THE GET AND PUT MACROS.
THE RPL IS CREATED WITH INFORMATION SUPPLIED BY THE
USER IN THE RPL MACRO AND IS ACCESSED BY THE REQUEST
PROCESSING ROUTINES THROUGH REGISTER 1.
THE CONTROL BLOCK CONSISTS OF AN AREA COMMON TO ALL USERS
AND AN APPENDED VSAM EXTENSION. THE VSAM EXTENSION
MACRO INVOKES THE VTAM RPL EXTENSION, ISTRPLEX, IF
'AM=VTAM' IS CODED IN THE RPL MACRO.
DATE OF LAST CHANGE = 5 AUG 93 ( 93 XXX )
CHANGE ACTIVITY
$L1=DF/EF,JDM1113,4/1/80,STLASN: DF/EF SUPPORT RELEASE 1.0
$L2=DFP,HDP2210,,STLAYS: MVS/XA DFP RELEASE 2.1.0
ADD CODE FOR BDT @ZA92383
REC MGMT ENTERED FROM CLOSE ISSUED BY TASK TERMINATION @YA43869
$ZZ=SMS1.2,HDZ1120,,SJFEDKT: DFSMS RELEASE 1.2
$L3=DFSMS,HDZ11C0,05/14/94,SJPLRG: VSAM RLS
RESERVE BIT SETTING 02 IN RPLOPT4 FOR VSAM USE @WA26115
$TR=DFSMS,HDZ11F0,112299,SJPLTLW: DEFINE ACTIVE GTF BIT
        ASSEMBLER DSECT FOR RPL
```

End of Comment

8	(8)	DBL WORD	8	IFGRPL (0)	
8	(8)	X'8'	0	RPLIDWD	"*" RPL IDENTIFICATION WORD
8	(8)	BITSTRING	1	RPLID	RPL IDENTIFIER
		....		RPLIDD	"X'00'" IDENTIFIER VALUE - X'00'
9	(9)	BITSTRING	1	RPLSTYP	RPL SUBTYPE - SET TO X'00' FOR DATA MANAGEMENT AND X'0D' FOR JECS
		...1		RPLSVSAM	"X'10'" VSAM SUBTYPE X04SVHS
		...1 ..1.		RPLSTERM	"X'12'" SUBTYPE FOR RECORD MGMT ENTERED FROM CLOSE ISSUED BY TASK TERMINATION
		..1.		RPLSVTAM	"X'20'" VTAM SUBTYPE X04SVHS
		.1..		RPLS3540	"X'40'" 3540 SUBTYPE X04SVHS
		1111 1111		RPLCRID	"X'FF'" CRPL ID (VTAM) X03004
10	(A)	BITSTRING	1	RPLREQ	RPL REQUEST TYPE
		....		RPLGET	"X'00'" GET
		1		RPLPUT	"X'01'" PUT
		11		RPLPOINT	"X'03'" POINT
		.... .1.1		RPLERASE	"X'05'" ERASE
		.... .111		RPLJSFMT	"X'07'" JES FORMAT REQUEST

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		THE FOLLOWING CODES ARE NOT STORED IN RPLREQ, BUT ARE AVAILABLE IN REGISTER 0 WHEN THE FUNCTION IS ENTERED AND STORED IN RPLREQ DURING PROCESSING OF THE FUNCTION.			
				End of Comment	
		.... ..1.		RPLCHECK	"X'02'" CHECK
		.... .1..		RPLENDRE	"X'04'" ENDREQ
		.... .11.		RPLVERIF	"X'06'" VERIFY
		.... .111		RPLIMPRT	"X'07'" IMPORT
		.... 1...		RPLPFMTD	"X'08'" DATA PREFORMAT
		.... 1..1		RPLPFMTI	"X'09'" INDEX PREFORMAT
		.... 1.1.		RPLFRCIO	"X'0A'" FORCE I/O
		...1		RPLCNVTA	"X'10'" CNVTAD
		...1 ...1		RPLMNTAC	"X'11'" MNTACQ(VSAM)
		...1 ...1		RPLWRITE	"X'11'" WRITE(VTAM) X03004
		...1 ..1.		RPLACQRA	"X'12'" ACQRANGE(VSAM)
		...1 ..1.		RPLRESET	"X'12'" RESET(VTAM) X03004
		...1 ..11		RPLTERM	"X'13'" TERMRPL
		...1 ..11		RPLDO	"X'13'" DO(VTAM) X03004
		...1 .1..		RPLVERRF	"X'14'" VERIFY REFRESH
		...1 .1.1		RPLLKADD	"X'15'" LKADD REQUEST(VSAM)
		...1 .11.		RPLLKREL	"X'16'" LKREL REQUEST(VSAM)
		...1 .111		RPLLKCD	"X'17'" LKCD REQUEST(VSAM)
		...1 1...		RPLINQRC	"X'18'" INQRC REQUEST(VSAM)
		...1 1..1		RPLRETLK	"X'19'" RETLK REQUEST(VSAM)
		...1 1.1.		RPLRECOV	"X'1A'" RECOV REQUEST(VSAM)
		...1 1.11		RPLQUI	"X'1B'" QUIESCE REQ (VSAM)
		...1 11..		RPLEADD	"X'1C'" EADD REQUEST(VSAM)
		...1 .1.1		RPLQUISE	"X'15'" SETLOGON(VTAM) X03004
		...1 .11.		RPLSMLGO	"X'16'" SIMLOGON(VTAM) X03004
		...1 .111		RPLOPNDS	"X'17'" OPNDST(VTAM) X03004
		...1 1..1		RPLCHNG	"X'19'" CHANGE(VTAM) X03004
		...1 1.1.		RPLINQIR	"X'1A'" INQUIRE(VTAM) X03004
		...1 1.11		RPLINTPT	"X'1B'" INTRPRET(VTAM) X03004
		...1 11.1		RPLREAD	"X'1D'" READ(VTAM) X03004
		...1 111.		RPLSLICT	"X'1E'" SOLICIT(VTAM) X03004
		...1 1111		RPLCLOSE	"X'1F'" CLSDST(VTAM) X03004
		..1. ...1		RPLCLACB	"X'21'" CLOSEACB(VTAM) X03004
		..1. ..1.		RPLSNDCD	"X'22'" SEND(VTAM) X3004BS
		..1. ..11		RPLRCVCD	"X'23'" RECEIVE(VTAM) X3004BS
		..1. .1..		RPLRSRCD	"X'24'" RESETSR(VTAM) X3004BS
		..1. .1.1		RPLSSCCD	"X'25'" SESSIONC(VTAM) X3004BS
		..1. .111		RPLSDCMD	"X'27'" SENDCMD(VTAM)
		..1. 1...		RPLRVCMD	"X'28'" RCVCMD(VTAM)
		..1. 1..1		RPLTREQS	"X'29'" REQSESS(VTAM)
		..1. 1.1.		RPLTOPNS	"X'2A'" OPNSEC(VTAM)
		..1. 1.11		RPLTCLSS	"X'2B'" CLSSEC(VTAM)
		..1. 11..		RPLTRMS	"X'2C'" TRMSESS(VTAM)
11	(B)	BITSTRING	1	RPLLEN (0)	LENGTH OF THIS RPL
11	(B)	BITSTRING	1	RPLLEN2	ALTERNATE NAME FOR RPLLEN X03004
12	(C)	ADDRESS	4	RPLPLHPT	POINTER TO PLACEHOLDER
16	(10)	ADDRESS	4	RPLECB	INTERNAL ECB OR POINTER TO EXTERNAL ECB
				Comment	
		ECB FLAGS			
				End of Comment	
		1...		RPLWAIT	"X'80'" A REQUEST HAS BEEN ISSUED
		.1..		RPLPOST	"X'40'" THE REQUEST HAS COMPLETED
20	(14)	BITSTRING	4	RPLFDBWD (0)	FEEDBACK WORD X04SVHS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
20	(14)	BITSTRING	1	RPLSTAT	CURRENT RPL STATUS
20	(14)	X'14'	0	RPLFUNCD	"RPLSTAT" PROB DET FUNCT CD
21	(15)	BITSTRING	3	RPLFDBK (0)	ERROR FEEDBACK
21	(15)	BITSTRING	1	RPLRTNCD (0)	RPL RETURN CODE
		....		RPLNOERR	"X'00'" NORMAL RETURN
		.... .1..		RPLBLKER	"X'04'" INVALID CONTROL BLOCK
		.... .1..		RPLCBLKE	"X'04'" ALTERNATE NAME FOR RPLBLKER X03004
		.... 1...		RPLLOGER	"X'08'" ILLOGICAL REQUEST
		.... 1...		RPLLOGIC	"X'08'" ALTERNATE NAME FOR RPLLOGER X03004
		.... 11..		RPLPHYER	"X'0C'" PHYSICAL I/O ERROR
		.... 11..		RPLPHYSC	"X'0C'" ALTERNATE NAME FOR RPLPHYER X03004
		...1		RPLNGRCC	"X'10'" A CONDITIONAL COMMAND WAS ISSUED BUT THE CONDITION WAS NOT MET(VTAM) X03004
		...1		RPLNOVAS	"X'10'" SMSVSAM SERVER ADDRESS SPACE HAS NOT BEEN INITIALIZED OR NOT ACTIVE
		...1 .1..		RPLSPECC	"X'14'" A TEMPORARY OUT-OF-CORE SITUATION EXISTS(VTAM) X03004
		...1 1...		RPLCMDRT	"X'18'" THE REQUEST WAS CANCELLED BY THE RESET COMMAND(VTAM) X03004
		...1 11..		RPLPURGE	"X'1C'" THE COMMAND WAS PURGED(VTAM) X03004
		..1.		RPLVTMNA	"X'20'" VTAM IS NOT ACTIVE(VTAM) X03004
		..1. .1..		RPLSYERR	"X'24'" SYSTEM ERROR(VTAM)X03004
		..1. 1...		RPLDEVDC	"X'28'" DIAL LINE IS DISCONNECTED(VTAM)X03004
		..1. 11..		RPLLIMEX	"X'2C'" RESPONSE LIMIT EXCEEDED(VTAM) X3004BS
		..11		RPLEXRQ	"X'30'" EXCEPTION REQUEST RECEIVED(VTAM) X3004BS
		..11 .1..		RPLEXRS	"X'34'" EXCEPTION RESPONSE RECEIVED(VTAM) X3004BS
		..11 1...		RPLNOIN	"X'38'" NO INPUT AVAILABLE(VTAM) X3004BS
		..11 11..		RPLVABND	"X'3C'" VTAM ENCOUNTERED ABEND CONDITION
21	(15)	BITSTRING	1	RPLERREG	ALTERNATE NAME FOR RPLRTNCD
22	(16)	BITSTRING	2	RPLCNDCD (0)	RPL CONDITION CODE
22	(16)	BITSTRING	1	RPLCMPON (0)	COMPONENT ISSUING CODE(VSAM)
22	(16)	BITSTRING	1	RPLFDB2	REASON CODE(VTAM) X03004
		1...		RPLERLK	"X'80'" ERROR LOCK SET X03004
		.1..		RPLRVID	"X'40'" RVI RECEIVED X03004
		..1.		RPLATND	"X'20'" ATTN RECEIVED X03004
		...1		RPLDVUNS	"X'10'" DEVICE UNUSABLE X03004
		.... 1...		RPLIOERR	"X'08'" I/O ERROR TYPE- 0=INPUT/ 1=OUTPUT X03004
		.... .1..		RPLDLGFL	"X'04'" DIALOG INIT FAILED X03004
		.... ..1.		RPLCUERR	"X'02'" CONTROL UNIT FAILURE X03004
		1		RPLSTSAV	"X'01'" SENSE BYTES PRESENT X03004
23	(17)	BITSTRING	1	RPLERRCD (0)	ERROR CODE(VSAM)
23	(17)	BITSTRING	1	RPLFDB3	DATA FLAGS(VTAM) X03004
		1...		RPLUINPT	"X'80'" UNSOLICITED INPUT X03004
		.1..		RPLSV32	"X'40'" RESERVED X03004
		..1.		RPLREOB	"X'20'" END OF BLOCK X03004
		...1		RPLREOM	"X'10'" END OF MESSAGE X03004
		.... 1...		RPLREOT	"X'08'" END OF TRANSMISSION X03004
		.... .1..		RPLLGFRC	"X'04'" LOGOFF DETECTED X03004
		.... ..1.		RPLRLG	"X'02'" LEADING GRAPHICS RECEIVED X03004
		1		RPLRDSOH	"X'01'" START OF HEADER (SOH) RECEIVED X03004
24	(18)	SIGNED	2	RPLKEYLE (0)	KEY LENGTH (PROC=GEN)
24	(18)	SIGNED	2	RPLKEYL	ALTERNATE NAME FOR RPLKEYLE
26	(1A)	SIGNED	2	RPLSTRID	CCW STRING IDENTIFIER
26	(1A)	X'1A'	0	RPLTIME	"RPLSTRID,2" REQUEST DEADLOCK TIMEOUT VALUE
28	(1C)	ADDRESS	4	RPLCCHAR	POINTER TO CONTROL CHARACTER FOR UNIT RECORD DEVICES
28	(1C)	X'1C'	0	RPLLUWID	"RPLCCHAR,4" POINTER TO UNIT OF WORK ID
32	(20)	ADDRESS	4	RPLDACB	POINTER TO DATA ACB
36	(24)	ADDRESS	4	RPLTCBPT	POINTER TO TCB
40	(28)	ADDRESS	4	RPLAREA	POINTER TO AREA CONTAINING DATA RECORD
44	(2C)	ADDRESS	4	RPLARG (0)	POINTER TO SEARCH ARGUMENT; POINTER TO RELATIVE ADDRESS FOR POINT OPERATION; POINTER TO SETPRT PARMLIST
44	(2C)	BITSTRING	2	RPLSAF	SOURCE ADDRESS FIELD(VTAM) X03004

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
46	(2E)	BITSTRING	2	RPLDAF	DESTINATION ADDRESS FIELD(VTAM) X03004
48	(30)	BITSTRING	4	RPLOPTCD (0)	OPTION CODES
48	(30)	BITSTRING	1	RPLOPT1	OPTION BYTE 1
		1...		RPLLOC	"X'80'" LOCATE MODE; MOVE MODE IF 0
		.1..		RPLDIR	"X'40'" DIRECT ACCESS
		..1.		RPLSEQ	"X'20'" SEQUENTIAL ACCESS
		...1		RPLSKP	"X'10'" SKIP SEQUENTIAL ACCESS
		.... 1...		RPLASY	"X'08'" ASYNCHRONOUS PROCESSING
		.... .1..		RPLKGE	"X'04'" SEARCH KEY GT/EQ
		.... ..1.		RPLGEN	"X'02'" GENERIC KEY REQUEST
		1		RPLECBSW	"X'01'" EXTERNAL ECB
		1		RPLECBIN	"X'01'" ALTERNATE NAME FOR RPLECBSW X03004
49	(31)	BITSTRING	1	RPLOPT2	OPTION BYTE 2
		1...		RPLKEY	"X'80'" KEYED ACCESS
		.1..		RPLADR	"X'40'" ADDRESSED ACCESS
		.1..		RPLADD	"X'40'" ALTERNATE NAME FOR RPLADR
		..1.		RPLCNV	"X'20'" CONTROL INTERVAL ACCESS
		...1		RPLBWD	"X'10'" FWD=0/BWD=1 X04SVHS
		.... 1...		RPLLRD	"X'08'" ARD=0/LRD=1 X04SVHS
		.... .1..		RPLWAITX	"X'04'" AYNCH PROC WAIT
		.... ..1.		RPLUPD	"X'02'" UPDATE
		1		RPLNSP	"X'01'" NOTE STRING POSITION
50	(32)	BITSTRING	1	RPLOPT3	OPTION BYTE 3
		1...		RPLEODS	"X'80'" END OF USER SYSOUT
		.1..		RPLSFORM	"X'40'" SPECIAL FORM ON REMOTE PRINTER
		..1.		RPLBLK	"X'20'" BLOCKED UCS DATA CHECKS FIXED BLOCK PROCESSING
		...1		RPLVFY	"X'10'" VERIFY UCS/FCB INFORMATION
		.... 1...		RPLFLD	"X'08'" LOAD UCS BUFFER IN FOLD MODE
		.... ..1.		RPLFMT	"X'02'" FCB LOAD
		.... .11.		RPLFRMT	"X'06'" UCS LOAD IF 00
		1		RPLALIGN	"X'01'" ALIGN FCB BUFFER LOADING
50	(32)	X'32'	0	RPLOPTRL	"RPLOPT3" VSAM-RLS OPTIONS
		1...		RPLKL	"X'80'" 1(0) KL(NOKL) REQUESTED ON GET UPD
		.1..		RPLRDNRI	"X'40'" 1=NO READ CONSISTENCY
		..1.		RPLRDCR	"X'20'" 1=CONSISTENT READ
		...1		RPLRDCRE	"X'10'" CONSISTENT READ EXPLICIT
		.... 1...		RPLRTYP	"X'08'" WITH RTYP1, 10=COLD, 00=LL, 01=NONRLS
		.... .1..		RPLRTIND	"X'04'" 1(0) IND(SS) SPECIFIED ON IDARETLK
		.... ..1.		RPLRTYP1	"X'02'" SEE RPLRTYP
51	(33)	BITSTRING	1	RPLOPT4	OPTCD BYTE 4
		1...		RPLENDTR	"X'80'" 3800 END OF TRANSMISSION (VS1)
		1...		RPLXRBA	"X'80'" EXTENDED ADDRESSABILTY PROCESSING IN USE
		.1..		RPLMKFRM	"X'40'" 3800 MARK FORM (VS1)
		.1..		RPLGTFA	"X'40'" GTF IS ACTIVE FOR VSAM TRACE RECORDS.
		..1.		RPLNOCIR	"X'20'" NO CI RECLAIM

Comment

NO MORE THAN ONE OF THE FOLLOWING THREE BITS CAN BE ON.
ONE OF THEM IS SET ONLY WHEN ACBCCANY IS ON AND THE
OPERATION IS INPUT.

End of Comment

		...1		RPLCTA	"X'10'" RPLCCHAR POINTS TO AN ANSI CONTROL CHARACTER
		.... 1...		RPLCTM	"X'08'" RPLCCHAR POINTS TO A MACHINE CONTROL CHARACTER
		.... .1..		RPLCTO	"X'04'" OTHER FORMAT. RPLCCHAR POINTS TO A CODE BYTE THAT IDENTIFIES THE FORMAT. A CODE OF X'5A' MEANS CPDS.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		EQU X'02' RESERVED FOR VSAM INTERNAL USE			
				End of Comment	
52	(34)	ADDRESS	4	RPLNXTRP (0)	POINTER TO NEXT RPL
52	(34)	ADDRESS	4	RPLCHAIN	ALTERNATE NAME FOR RPLNXTRP
56	(38)	ADDRESS	4	RPLRLEN	LENGTH OF RECORD
60	(3C)	ADDRESS	4	RPLBUFL	USER BUFFER LENGTH
64	(40)	BITSTRING	4	RPLOPTC2 (0)	VTAM OPTIONS X03004
64	(40)	BITSTRING	1	RPLOPT5	OPTION BYTE 5 X03004
		1...		RPLDLGIN	"X'80'" CONTINUE READING IN SPECIFIC TERMINAL MODE; IF 0, CONTINUE READING IN ANY TERMINAL MODE X03004
		.1..		RPLSSNIN	"X'40'" CONTINUE DIALOG WITH THE SAME TERMINAL; IF 0, END DIALOG WITH THAT TERMINAL X03004
		..1.		RPLPSOPT	"X'20'" PASS TERMINAL TO REQUESTING APPLICATION; IF 0, MAKE TERMINAL AVAILABLE TO ANY APPLICATION X03004
		...1		RPLNERAS	"X'10'" WRITE TO 3270 BUT DO NOT ERASE WHAT IS CURRENTLY DISPLAYED X03004
		.... 1...		RPLEAU	"X'08'" WRITE TO 3270 AND ERASE UNPROTECTED FIELDSX03004
		.... .1..		RPLERACE	"X'04'" WRITE TO 3270 AND ERASE CURRENT DISPLAY X03004
		.... ..1.		RPLNODE	"X'02'" READ FROM ANY TERMINAL; IF 0, READ FROM A SPECIFIC TERMINAL X03004
		1		RPLWROPT	"X'01'" CONVERSATIONAL MODE; IF 0, NON-CONVERSATIONAL MODE X03004
65	(41)	BITSTRING	1	RPLOPT6	OPTION BYTE 6 X03004
		1...		RPLEOB	"X'80'" WRITE A BLOCK OF DATA X03004
		.1..		RPLEOM	"X'40'" WRITE THE LAST BLOCK OF A MESSAGE X03004
		..1.		RPLEOT	"X'20'" WRITE THE LAST BLOCK OF THE TRANSMISSION X03004
		...1		RPLCOND	"X'10'" DO NOT STOP OPERATION IF STARTED (USED WITH RESET REQUEST) X03004
		.... 1...		RPLNCOND	"X'08'" STOP OPERATION IMMEDIATELY (USED WITH RESET REQUEST) X03004
		.... .1..		RPLLOCK	"X'04'" RESET ERROR LOCK TO UNLOCKED STATUS X03004
		.... ..1.		RPLRSV67	"X'02'" RESERVED X03004
		1		RPLRSV68	"X'01'" RESERVED X03004
66	(42)	BITSTRING	1	RPLOPT7	OPTION BYTE 7 X03004
		1...		RPLCNALL	"X'80'" ALL TERMINALS IN OPNDST LIST MUST BE AVAILABLE BEFORE ANY ARE CONNECTED X03004
		.1..		RPLCNANY	"X'40'" CONNECT ANY ONE TERMINAL IN OPNDST LIST X03004
		..1.		RPLCNIMM	"X'20'" RESERVED X03004
		...1		RPLQOPT	"X'10'" QUEUE THE OPNDST REQUEST IF IT CANNOT BE SATISFIED IMMEDIATELY; IF 0, REJECT THE OPNDST REQUEST IF IT CANNOT BE SATISFIED IMMEDIATELY X03004
		.... 1...		RPLTPOST	"X'08'" RPL ALREADY UNDER PSS
		.... .1..		RPLRLSOP	"X'04'" SCHEDULE THE RELREQ EXIT OF THE REQUIRED TERMINAL IMMEDIATELY; IF 0, EITHER WAIT FOR THE TERMINAL TO BECOME AVAILABLE OR REJECT THE REQUEST IF THE TERMINAL IS BUSY(DEPENDS ON THE SETTING OF RPLQOPT) X03004
		.... ..1.		RPLTCRNO	"X'02'" CLOSE IN PROCESS FOR PO INTERFACE
		1		RPLRSV78	"X'01'" RESERVED X03004
67	(43)	BITSTRING	1	RPLOPT8	OPTION BYTE 8 X03004
		1...		RPLODACQ	"X'80'" THE APPLICATION REQUIRES A SPECIFIC TERMINAL X03004

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.1..		RPLODACP	"X'40'" THE APPLICATION WILL ACCEPT ANY TERMINAL DESIRING LOGON X03004
		..1.		RPLODPRM	"X'20'" A SPECIFIC TERMINAL IS TO BE PREEMPTED EVEN THOUGH ANOTHER APPLICATION IS HOLDING IT (TOLTEP ONLY) X03004
		...1		RPLPEND	"X'10'" PREEMPT THE TERMINAL AFTER ALL PENDING OPERATIONS ARE COMPLETED (TOLTEP ONLY) X03004
		.... 1...		RPLSESS	"X'08'" PREEMPT THE TERMINAL AFTER COMPLETION OF THE CURRENT DIALOG SESSION (TOLTEP ONLY) X03004
		.... .1..		RPLACTV	"X'04'" PREEMPT THE TERMINAL IF CONNECTED BUT NOT BUSY (TOLTEP ONLY) X03004
		.... ..1.		RPLUNCON	"X'02'" PREEMPT THE TERMINAL IMMEDIATELY (TOLTEP ONLY) X03004
		1		RPLRSV88	"X'01'" RESERVED X03004
64	(40)	BITSTRING	1		VSAM RPL - RESERVED
65	(41)	BITSTRING	1	RPLAIXID	AIX POINTER TYPE
		1...		RPLAXPKP	"X'80'" RBA=1/PRIME=0
66	(42)	BITSTRING	2		VSAM RPL - RESERVED
68	(44)	CHARACTER	8	RPLRBAR (0)	RBA RETURN LOCATION
68	(44)	BITSTRING	2	RPLAIXPC	AIX POINTER COUNT
70	(46)	BITSTRING	2		RESERVED
72	(48)	CHARACTER	4	RPLDDDD	RETURN AREA FOR RELATIVE BYTE ADDRESS
76	(4C)	BITSTRING	1	RPLEXTDS (0)	EXIT DEFINITIONS
76	(4C)	BITSTRING	1	RPLEXTD1	ALTERNATE NAME FOR RPLEXTDS X03004
		1...		RPLEXSCH	"X'80'" AN EXIT HAS BEEN SCHEDULED X03004
		.1..		RPLNEXIT	"X'40'" NO EXIT WAS SPECIFIED X03004
		..1.		RPLEXIT	"X'20'" ASYNCH EXIT
		.... 1...		RPLTCRYP	"X'08'" IF ON, ENCRYPTION FEATURE REQ
		.... .1..		RPLNIB	"X'04'" THE RPLARG FIELD CONTAINS A POINTER TO THE NIB X03004
		.... ..1.		RPLBRANC	"X'02'" USE A BRANCH ENTRY TO THE MACRO X03004
77	(4D)	BITSTRING	1	RPLACTIV	ACTIVE INDICATOR - X'FF' INDICATES ACTIVE; X'00' INDICATES INACTIVE X03004
78	(4E)	SIGNED	2	RPLEMLEN	LENGTH OF THE ERROR MESSAGE AREA
80	(50)	ADDRESS	4	RPLERMSA	POINTER TO THE ERROR MESSAGE AREA EXTENSION
84	(54)	BITSTRING	1	IIWSRPLE (0)	- END OF JESYSMSG RPL
88	(58)	DBL WORD	8	IIWJRPL (0)	- START OF INTERNAL TEXT RPL
88	(58)	BITSTRING	1	(0)	SIZE OF JESYSMSG RPL
164	(A4)	BITSTRING	1	IIWJRPLE (0)	- END OF THE INT TXT RPL

Comment

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-------------------------------------------------------------
          ESTAE PARAMETER LIST
-------------------------------------------------------------
      ESTAE MF=L
    MACDATE 10/01/94
```

End of Comment

164	(A4)	SIGNED	4	(0)	
164	(A4)	ADDRESS	1	IIWESTAE	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
165	(A5)	ADDRESS	3		FIELD NO LONGER USED
168	(A8)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
172	(AC)	ADDRESS	4		TCB NOT SPECIFIED
176	(B0)	ADDRESS	1		FLAGS
177	(B1)	ADDRESS	1		THIRD FLAG BYTE
178	(B2)	ADDRESS	2		RESERVED
180	(B4)	ADDRESS	4		TOKEN VALUE AREA
184	(B8)	ADDRESS	4		EXIT ADDR NOT SPECD 2
188	(BC)	SIGNED	4	IIWSELF	- BASE OF IATIIII
192	(C0)	SIGNED	4	IIWRETRY	- RETRY ADDRESS FOR ESTAE
196	(C4)	SIGNED	4	IIWVAT	- VAT CHAIN
200	(C8)	SIGNED	4	IIWNEL	- NEL PTR
204	(CC)	SIGNED	4	(0)	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
204	(CC)	CHARACTER	12	IIWINPUT (0)	INPUT WORK AREA

Comment

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-------------------------------------------------------------
 WORK AREA FOR EXPIRATION DATE CALCULATIONS
-------------------------------------------------------------
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End of Comment

204	(CC)	CHARACTER	8	DATEWORK (0)	FOR CONVERSION AREA
204	(CC)	CHARACTER	1		
205	(CD)	CHARACTER	3	CRNTDATE (0)	CURRENT DATE IN JFCB FORMAT
205	(CD)	CHARACTER	1	CRNTYR	CURRENT YEAR
206	(CE)	CHARACTER	2	CRNTDAY	JULIAN DAY
208	(D0)	CHARACTER	4		ALIGNED TO END OF DATEWORK
212	(D4)	CHARACTER	3	CALCDATE (0)	CALCULATE NEW DATE AREA
212	(D4)	CHARACTER	1	CALCYEAR	NEW CALCULATED YEAR
213	(D5)	CHARACTER	2	CALCDAYS	NEW CALCULATED DAYS
216	(D8)	SIGNED	4	IIWOUTPT (20)	- OUTPUT WORK AREA
296	(128)	SIGNED	4	IIWJMR (44)	- JMR
472	(1D8)	BITSTRING	56	IIWSJPU	SJF PUTSWB PARAMETER AREA
528	(210)	SIGNED	4	IIWJCT	- PTR TO THE JCT
532	(214)	SIGNED	4	IIWUSER	- PTR TO THE USER EXIT
536	(218)	SIGNED	4	IIWSJPUP	- PTR TO SJF PUTSWB PARM LIST
540	(21C)	SIGNED	4	IIWSWB	- PTR TO SWB CHAIN
544	(220)	SIGNED	4	IIWAUXA	- PTR TO AUXILIARY SJF BUFFER
548	(224)	SIGNED	2	IIWAUXSZ	- SIZE OF AUXILIARY SJF BUFFER
550	(226)	BITSTRING	1	IIWTRAC1	- TRACE OF SJF INVOCATIONS

Comment

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-------------------------------------------------------------
          DEFINITION OF IIWTRAC1
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End of Comment

		1...		IIWSJTRR	"X'80'" CALL TO SJF FROM RETRY HAS BEEN ATTEMPTED
551	(227)	BITSTRING	1	IIWRSVDV	- RESERVED FOR DEVELOPMENT
552	(228)	SIGNED	4	IIWUSAVE (18)	- USER EXIT SAVE AREA
624	(270)	SIGNED	4	IIWSAVE (18)	- SAVE AREA
696	(2B8)	BITSTRING	1	IIWEXLST (10)	- EXIT LIST FOR EOF OF ACB
708	(2C4)	ADDRESS	4	IIWSWAAD	SWA EPA PTR
712	(2C8)	SIGNED	4	IIWPARML (0)	PARM LIST FOR LOC. SWA MNGR

Comment

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SWAREQ MF=L
```

End of Comment

712	(2C8)	SIGNED	4	(0)	SWA MANAGER PARAMETER LIST
712	(2C8)	ADDRESS	4	EPA@0009	ADDR OF EPA FOR SWA MANAGER
716	(2CC)	ADDRESS	4	FCD@0009	ADDR OF FUNCTION CODE FOR SWA MANAGER
720	(2D0)	SIGNED	4	IIWLMEPA (0)	LOCATE MODE SWA MGR. EX. EPA
720	(2D0)	BITSTRING	1	(0)	
748	(2EC)	SIGNED	4	IIWMMEPA (0)	MOVE MODE SWA MGR. EX. EPA
748	(2EC)	BITSTRING	1	(0)	
764	(2FC)	ADDRESS	4	IIWAMODE	SAVE AREA FOR CALLERS AMODE
768	(300)	SIGNED	4	IIWJSCBP	JSCB ADDRESS SAVE AREA
772	(304)	SIGNED	4	IIWJSQMP	CONTENTS OF JSCBQMPI

IATYIIW Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment

					SDUMP PARAMETER LIST

					SDUMP SDATA=(PSA,RGN,LPA,TRT,CSA),MF=L $$$$
					End of Comment
776	(308)	SIGNED	4	IIWSDUMP (0)	SDUMP PARAMETER LIST
776	(308)	ADDRESS	1		FLAG BYTE
777	(309)	ADDRESS	1		FLAG BYTE
778	(30A)	ADDRESS	1		FLAG BYTE
779	(30B)	ADDRESS	1		FLAG BYTE
780	(30C)	ADDRESS	4		ADDRESS OF DCB
784	(310)	ADDRESS	4		ADDRESS OF STORAGE LIST
788	(314)	ADDRESS	4		ADDRESS OF USER DATA
792	(318)	ADDRESS	4		ADDRESS OF ECB/SRB
796	(31C)	ADDRESS	2		CURRENT ASID
798	(31E)	ADDRESS	2		OTHER ASID
800	(320)	ADDRESS	4		ADDRESS OF ASID LIST
804	(324)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
808	(328)	ADDRESS	4		RESERVED
812	(32C)	ADDRESS	4		RESERVED
816	(330)	BITSTRING	1	IIWFLAG	FLAG BYTE
					Comment

					DEFINITION OF IIWFLAG

					End of Comment
		1...		IIWSWABV	"X'80'" SWA ABOVE THE LINE INDICATOR
		.1..		IIWINIT	"X'40'" SWA INITIALIZATION BIT FOR IIII
		..1.		IIWSWAP	"X'20'" NEED TO SWAP FIELDS DUE TO MVS VERSION INCOMPAT.
817	(331)	BITSTRING	7	IIWRSVD	RESERVED FOR DEVELOPMENT
824	(338)	SIGNED	4	IIWRSVS (2)	RESERVED FOR SERVICE
832	(340)	SIGNED	4	IIWRSVU	RESERVED FOR USER
836	(344)	BITSTRING	4	IIWHOLD	TEMP STORAGE AREA FOR IIII
840	(348)	SIGNED	4	IIWORKE (0)	END OF WORK AREA
840	(348)	BITSTRING	0	IIWORKSZ (0)	Size of work area without JCBLOCK user buffer
840	(348)	BITSTRING	1	IIWJCBUB (0)	User buffer for JCBLOCK

IATYIIW Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
CALCDATE	D4		IIWFLAG	330	
CALCDAYS	D5		IIWHOLD	344	
CALCYEAR	D4		IIWINIT	330	40
CRNTDATE	CD		IIWINPUT	CC	
CRNTDAY	CE		IIWJCBUB	348	
CRNTYR	CD		IIWJCT	210	
DATEWORK	CC		IIWJMR	128	
EPA@0009	2C8		IIWJRPL	58	
FCD@0009	2CC		IIWJRPLE	A4	
IFGRPL	8		IIWJSCBP	300	
IIWAMODE	2FC		IIWJSQMP	304	
IIWAUXA	220		IIWLMEPA	2D0	
IIWAUXSZ	224		IIWMMEPA	2EC	
IIWESTAE	A4		IIWNAM	0	C9C9E6D6
IIWEXLST	2B8		IIWNEL	C8	

Name	Hex Offset	Hex Value
IIWORK	0	
IIWORKE	348	
IIWORKSZ	348	
IIWOUTPT	D8	
IIWPARML	2C8	
IIWRETRY	C0	
IIWRSVD	331	
IIWRSVDV	227	
IIWRSVS	338	
IIWRSVU	340	
IIWSAVE	270	
IIWSDUMP	308	
IIWSELF	BC	
IIWSJPU	1D8	
IIWSJPUP	218	
IIWSJTRR	226	80
IIWSRPL	8	
IIWSRPLE	54	
IIWSWAAD	2C4	
IIWSWABV	330	80
IIWSWAP	330	20
IIWSWB	21C	
IIWTRAC1	226	
IIWUSAVE	228	
IIWUSER	214	
IIWVAT	C4	
RPLACQRA	A	12
RPLACTIV	4D	
RPLACTV	43	4
RPLADD	31	40
RPLADR	31	40
RPLAIXID	41	
RPLAIXPC	44	
RPLALIGN	32	1
RPLAREA	28	
RPLARG	2C	
RPLASY	30	8
RPLATND	16	20
RPLAXPKP	41	80
RPLBLK	32	20
RPLBLKER	15	4
RPLBRANC	4C	2
RPLBUFL	3C	
RPLBWD	31	10
RPLCBLKE	15	4
RPLCCHAR	1C	
RPLCHAIN	34	
RPLCHECK	A	2
RPLCHNG	A	19
RPLCLACB	A	21
RPLCLOSE	A	1F
RPLCMDRT	15	18
RPLCMPON	16	
RPLCNALL	42	80
RPLCNANY	42	40
RPLCNDCD	16	
RPLCNIMM	42	20
RPLCNV	31	20
RPLCNVTA	A	10
RPLCOND	41	10
RPLCRID	9	FF
RPLCTA	33	10
RPLCTM	33	8
RPLCTO	33	4
RPLCUERR	16	2

Name	Hex Offset	Hex Value
RPLDACB	20	
RPLDAF	2E	
RPLDDDD	48	
RPLDEVDC	15	28
RPLDIR	30	40
RPLDLGFL	16	4
RPLDLGIN	40	80
RPLDO	A	13
RPLDVUNS	16	10
RPLEADD	A	1C
RPLEAU	40	8
RPLECB	10	
RPLECBIN	30	1
RPLECBSW	30	1
RPLEMLEN	4E	
RPLENDRE	A	4
RPLENDTR	33	80
RPLEOB	41	80
RPLEODS	32	80
RPLEOM	41	40
RPLEOT	41	20
RPLERACE	40	4
RPLERASE	A	5
RPLERLK	16	80
RPLERMSA	50	
RPLERRCD	17	
RPLERREG	15	
RPLEXIT	4C	20
RPLEXRQ	15	30
RPLEXRS	15	34
RPLEXSCH	4C	80
RPLEXTDS	4C	
RPLEXTD1	4C	
RPLFDBK	15	
RPLFDBWD	14	
RPLFDB2	16	
RPLFDB3	17	
RPLFLD	32	8
RPLFMT	32	2
RPLFRCIO	A	A
RPLFRMT	32	6
RPLFUNCD	14	14
RPLGEN	30	2
RPLGET	A	0
RPLGTFA	33	40
RPLID	8	
RPLIDD	8	0
RPLIDWD	8	8
RPLIMPRT	A	7
RPLINQIR	A	1A
RPLINQRC	A	18
RPLINTPT	A	1B
RPLIOERR	16	8
RPLJSFMT	A	7
RPLKEY	31	80
RPLKEYL	18	
RPLKEYLE	18	
RPLKGE	30	4
RPLKL	32	80
RPLLEN	B	
RPLLEN2	B	
RPLLGFRC	17	4
RPLLIMEX	15	2C
RPLLKADD	A	15
RPLLKCD	A	17

Name	Hex Offset	Hex Value
RPLLKREL	A	16
RPLLOC	30	80
RPLLOCK	41	4
RPLLOGER	15	8
RPLLOGIC	15	8
RPLLRD	31	8
RPLLUWID	1C	1C
RPLMKFRM	33	40
RPLMNTAC	A	11
RPLNCOND	41	8
RPLNERAS	40	10
RPLNEXIT	4C	40
RPLNGRCC	15	10
RPLNIB	4C	4
RPLNOCIR	33	20
RPLNODE	40	2
RPLNOERR	15	0
RPLNOIN	15	38
RPLNOVAS	15	10
RPLNSP	31	1
RPLNXTRP	34	
RPLODACP	43	40
RPLODACQ	43	80
RPLODPRM	43	20
RPLOPNDS	A	17
RPLOPTCD	30	
RPLOPTC2	40	
RPLOPTRL	32	32
RPLOPT1	30	
RPLOPT2	31	
RPLOPT3	32	
RPLOPT4	33	
RPLOPT5	40	
RPLOPT6	41	
RPLOPT7	42	
RPLOPT8	43	
RPLPEND	43	10
RPLPFMTD	A	8
RPLPFMTI	A	9
RPLPHYER	15	C
RPLPHYSC	15	C
RPLPLHPT	C	
RPLPOINT	A	3
RPLPOST	10	40
RPLPSOPT	40	20
RPLPURGE	15	1C
RPLPUT	A	1
RPLQOPT	42	10
RPLQUI	A	1B
RPLQUISE	A	15
RPLRBAR	44	
RPLRCVCD	A	23
RPLRDCR	32	20
RPLRDCRE	32	10
RPLRDNRI	32	40
RPLRDSOH	17	1
RPLREAD	A	1D
RPLRECOV	A	1A
RPLREOB	17	20
RPLREOM	17	10
RPLREOT	17	8
RPLREQ	A	
RPLRESET	A	12
RPLRETLK	A	19
RPLRLEN	38	

Name	Hex Offset	Hex Value
RPLRLG	17	2
RPLRLSOP	42	4
RPLRSRCD	A	24
RPLRSV67	41	2
RPLRSV68	41	1
RPLRSV78	42	1
RPLRSV88	43	1
RPLRTIND	32	4
RPLRTNCD	15	
RPLRTYP	32	8
RPLRTYP1	32	2
RPLRVCMD	A	28
RPLRVID	16	40
RPLSAF	2C	
RPLSDCMD	A	27
RPLSEQ	30	20
RPLSESS	43	8
RPLSFORM	32	40
RPLSKP	30	10
RPLSLICT	A	1E
RPLSMLGO	A	16
RPLSNDCD	A	22
RPLSPECC	15	14
RPLSSCCD	A	25
RPLSSNIN	40	40
RPLSTAT	14	
RPLSTERM	9	12
RPLSTRID	1A	
RPLSTSAV	16	1
RPLSTYP	9	
RPLSVSAM	9	10
RPLSVTAM	9	20
RPLSV32	17	40
RPLSYERR	15	24
RPLS3540	9	40
RPLTCBPT	24	
RPLTCLSS	A	2B
RPLTCRNO	42	2
RPLTCRYP	4C	8
RPLTERM	A	13
RPLTIME	1A	1A
RPLTOPNS	A	2A
RPLTPOST	42	8
RPLTREQS	A	29
RPLTRMS	A	2C
RPLUINPT	17	80
RPLUNCON	43	2
RPLUPD	31	2
RPLVABND	15	3C
RPLVERIF	A	6
RPLVERRF	A	14
RPLVFY	32	10
RPLVTMNA	15	20
RPLWAIT	10	80
RPLWAITX	31	4
RPLWRITE	A	11
RPLWROPT	40	1
RPLXRBA	33	80
SWAEPA	0	
SWAEPAX	0	
SWAMEPAX	0	
SWAMMEPA	0	
SWASGNID	C	
SWASNVA	0	
SWASNZO	3	

Name	Hex Offset	Hex Value
SWBLKID	7	
SWBLKPTR	0	
SWBUFPTR	0	
SWCHNPTR	C	
SWLENGTH	8	
SWLNGTH	8	
SWLVERS	1A	
SWMVERS	D	
SWPFXLTH	18	
SWPFXPTR	14	
SWQMPA	10	
SWROWVA	4	
SWVA	4	
SWVAFW	4	
SWWRTID	7	
ZB505	0	
ZB506	0	

IATYIJS Programming Interface information

Programming Interface information

IATYIJS

The following fields are **NOT** programming interface information:

- IJSDDSTK
- IJSDFLG9
- IJSDSKDP
- IJSDSKVL
- IJSDSSEQ
- IJSGPWRK
- IJSNXDSK
- IJSRELPS
- IJSSWA
- IJSTPDSK

End of Programming Interface information

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IATYIJS Heading Information

Common Name: INTERMEDIATE JOB SUMMARY TABLE
Macro ID: IATYIJS
DSECT Name: IJSENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IJS
Offset: 8
Length: 4
Storage Attributes: Main Storage: JSAM Buffer
Auxiliary Storage: JES3 Spool
Size: 164 Bytes
Created by: IATIIPR
Pointed to by: IDDFIJS in IATYIDD
IDDCIJS in IATYIDD
IDDLIJS in IATYIDD
Serialization: NONE
Function: Contains data and status flags used by CI to determine a job's resource requirements.

IATYIJS Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IJSSTART	
0	(0)	BITSTRING	6	IJSTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	IJSCNT	USER COUNT.
8	(8)	CHARACTER	4	IJSID	FILE ID.
12	(C)	BITSTRING	12	IJSCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	IJSVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	IJSDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	IJSFIXL	SIZE OF IJS SUM HDR FIXED
30	(1E)	SIGNED	2	IJSLOWE	LOW ENTRY NUMBER
32	(20)	SIGNED	2	IJSHIGHE	HIGH ENTRY NUMBER

Comment

DEFINITION OF IJSHFLG1

End of Comment

34	(22)	BITSTRING	1	IJSHFLG1	IJS HEADER FLAG1
35	(23)	BITSTRING	1	IJSVERSN	VERSION NUMBER

Comment

DEFINITION OF IJSVERSN

End of Comment

35	(23)	X'1'	0	IJSCURVN	"IJSSP312" CURRENT IJS VERSIION
		1		IJSSP312	"X'01'" IJS IS AT A JES3 SP312 LEVEL
36	(24)	SIGNED	4	IJSFEND (0)	END OF IJS TABLE HEADER
36	(24)	BITSTRING	1	IJSFSIZ (0)	FIXED SIZE OF IJS HEADER

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IJSENTRY	
0	(0)	SIGNED	2	IJSVARL	SIZE OF THIS IJS ENTRY
					Comment

					DEFINITION OF IJSENTID

					End of Comment
2	(2)	BITSTRING	1	IJSENTID	STEP ENTRY ID
2	(2)	X'0'	0	IJSNULL	"0" NULL ENTRY
2	(2)	X'4'	0	IJSSTEP	"4" STEP ENTRY
2	(2)	X'8'	0	IJSDD	"8" DD ENTRY
2	(2)	X'10'	0	IJSULIST	"16" UNITNAME LIST ENTRY
		1111 .111		IJSEOB	"X'F7'" END OF BUFFER
		1111 1111		IJSEOF	"X'FF'" END OF ENTIRE IJS
3	(3)	BITSTRING	1	IJSSTPNO	STEP NUMBER
4	(4)	SIGNED	4	IJSSWA	SWA ADDR/TTR OF SCT OR SIOT
8	(8)	SIGNED	2	IJSDDNXT	REL IJS OF NEXT IJS ENTRY
10	(A)	SIGNED	2	IJSSNXT	REL NMBR OF NEXT STEP ENTRY
12	(C)	SIGNED	2	IJSJST	JST REL ENTRY NUMBER
14	(E)	SIGNED	2	IJSRSVD1	RESERVED FOR DEVELOPMENT
16	(10)	CHARACTER	8	IJSSTNM	STEP NAME
24	(18)	CHARACTER	8	IJSPRNM	PROC STEP NAME
32	(20)	SIGNED	2	IJSTPDSK	HEAD OF 1ST DATA SET STACK
					Comment

					DEFINITION OF IJSSFLG1

					End of Comment
34	(22)	BITSTRING	1	IJSSFLG1	IJS STEP FLAG1
		1...		IJSDSSTK	"X'80'" THE SMS DATA SET STACKING EXIT WAS INVOKED FOR THIS STEP.
					Comment
					IJS DD ENTRY
					End of Comment
0	(0)	SIGNED	2		IJSVARL SIZE OF THIS IJS ENTRY
2	(2)	BITSTRING	1		IJSENTID DD ENTRY ID
3	(3)	BITSTRING	1		IJSSTPNO STEP NUMBER
4	(4)	SIGNED	4		IJSSWA SWA ADDR/TTR OF SCT OR SIOT
8	(8)	SIGNED	2		IJSDDNXT REL IJS OF NEXT IJS ENTRY
10	(A)	SIGNED	2	IJSRPN	IJSSNXT RELATIVE POSITION NUMBER
12	(C)	SIGNED	2		IJSJST JST REL ENTRY NUMBER
14	(E)	SIGNED	2	IJSLVSGA	IJSRSVD1 RELATIVE LVS NO. OF GDG-ALL LVS WHEN A NEW GENERATION IS CREATED AND SPECIFIES VOL=REF TO A CATALOGED DATASET. IJSLVS CONTAINS THE LVS NO. FOR THE VOL=REF
16	(10)	CHARACTER	8	IJSDDNM	IJSSTNM DD NAME
24	(18)	CHARACTER	8	IJSTYPE	IJSPRNM DEVICE TYPE FROM UNIT PARM
32	(20)	CHARACTER	8	IJSDSNQ	DATA SET NAME QUALIFIER
40	(28)	SIGNED	2	IJSVREF	REL IJS FOR VOL=REF=
42	(2A)	SIGNED	2	IJSUAFF	REL IJS FOR UNIT=AFF=
44	(2C)	SIGNED	2	IJSJVT	JVT REL ENTRY NUMBER
46	(2E)	SIGNED	2	IJSRELPS	RELATIVE POSITION OF THIS IJS ENTRY
48	(30)	SIGNED	2	IJSLVS	LVS REL ENTRY NUMBER FOR DD
50	(32)	SIGNED	2	IJSLVSC	LVS REL ENTRY NUMBER FOR CAT
52	(34)	SIGNED	2	IJSNUMUN	NUMBER OF UNITS REQUESTED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
54	(36)	SIGNED	2	IJSNOVLS	COUNT OF VOLUMES SPECIFIED
56	(38)	SIGNED	2	IJSNOJVT	COUNT OF VOLUMES IN JVT
58	(3A)	SIGNED	2	IJSVOLCT	VOLCOUNT OF MAX VOLS
60	(3C)	SIGNED	2	IJSVLSEQ	VOLUME SEQUENCE NUMBER
62	(3E)	SIGNED	2	IJSDSSEQ	DATA SET SEQUENCE NUMBER
64	(40)	CHARACTER	1	IJSLABEL	A=AL,B=BLP,N=NL,S=SL,X=NSL

Comment

```
-----------------------------------------------------------
        DEFINITION OF IJSDFLG1 - SUBSET OF JSTDFLG1
-----------------------------------------------------------
```

End of Comment

65	(41)	BITSTRING	1	IJSDFLG1	FLAG 1
65	(41)	X'80'	0	IJSTA	"JSTTA" TAPE DEVICE
65	(41)	X'40'	0	IJSDA	"JSTDA" DIRECT ACCESS DEVICE
65	(41)	X'20'	0	IJSUR	"JSTUR" UNIT RECORD DEVICE
65	(41)	X'10'	0	IJSGR	"JSTGR" GRAPHIC DEVICE
65	(41)	X'8'	0	IJSMS	"JSTMS" MSS DEVICE

Comment

```
-----------------------------------------------------------
        DEFINITION OF IJSDFLG2 - SUBSET OF JSTDFLG2
-----------------------------------------------------------
```

End of Comment

66	(42)	BITSTRING	1	IJSDFLG2	FLAG 2
66	(42)	X'80'	0	IJSOLD	"JSTOLD" DISP=OLD
66	(42)	X'40'	0	IJSNEW	"JSTNEW" DISP=NEW
66	(42)	X'20'	0	IJSSHR	"JSTSHR" DISP=SHR
66	(42)	X'10'	0	IJSMOD	"JSTMOD" DISP=MOD
66	(42)	X'8'	0	IJSDEFER	"JSTDEFER" UNIT=(,,DEFER) SPECIFIED
66	(42)	X'4'	0	IJSRING	"JSTRING" RING REQUIRED IF TAPE
66	(42)	X'2'	0	IJSSMS	"JSTSMS" DATA SET IS SMS MANAGED

Comment

```
-----------------------------------------------------------
        DEFINITION OF IJSDFLG3 - SUBSET OF JSTDFLG3
-----------------------------------------------------------
```

End of Comment

67	(43)	BITSTRING	1	IJSDFLG3	FLAG 3
67	(43)	X'40'	0	IJSDMD	"JSTDMD" DEMAND ALLOCATION
67	(43)	X'20'	0	IJSSCR	"JSTSCR" SCRATCH VOLUME REQUIRED

Comment

```
-----------------------------------------------------------
        DEFINITION OF IJSDFLG4: $$$$
    SETUNIT TYPE FOR RESOLUTION OF $$$$
    DEMAND ALLOCATION OVERRIDES. $$$$
-----------------------------------------------------------
```

End of Comment

68	(44)	BITSTRING	1	IJSDFLG4	SETUNIT TYPE FLAG $$$$

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
		---------- DEFINITION OF IJSDFLG5 ----------			
					End of Comment
69	(45)	BITSTRING	1	IJSDFLG5	FLAG 5
		1...		IJSDDUM	"X'80'" DUMMY IJS ENTRY
		.1..		IJSPRMRS	"X'40'" PERM RES VOL ON DD
		..1.		IJSMSVGP	"X'20'" 'MSVGP=' SPECIFIED
		...1		IJSGDALL	"X'10'" POTENTIAL GDG-ALL
		.... 1...		IJSUNCAT	"X'08'" DATASET TO BE LOCATED HAS BEEN UNCATALOGED
		.... .1..		IJSLOCPR	"X'04'" IAT4401 ALREADY PRINTED.
		.... ..1.		IJSLCGDG	"X'02'" GDGALL VIA LOCATE ONLY.
		1		IJSLCUAF	"X'01'" DD WHICH REQUIRES LOCATE PROCESSING FOUND IN UNIT AFFINITY CHAIN. PRESCAN SHOULD BYPASS SECONDARY UNIT AFFINITY PROCESSING FOR THE REMAINING DD'S IN THE UNIT AFFINITY CHAIN.
					Comment
		---------- DEFINITION OF IJSDFLG6 ----------			
					End of Comment
70	(46)	BITSTRING	1	IJSDFLG6	FLAG 6
		1...		IJSDUNAF	"X'80'" UNIT=AFF=DD SPECIFIED
		.1..		IJSDVRDD	"X'40'" VOL=REF=DD SPECIFIED
		..1.		IJSDVRDS	"X'20'" VOL=REF=DSN SPECIFIED
		...1		IJSDAFFD	"X'10'" UNIT AFF TO THIS DD
		.... 1...		IJSPRDEL	"X'08'" DATA SET HAS BEEN DELETED 0305 IN A PREVIOUS STEP 0305
		.... .1..		IJSCRDEL	"X'04'" DATA SET IS DELETED OR 0305 UNPASSED BY THIS DD 0305
		.... ..1.		IJSVRPAS	"X'02'" PASSED DATASET
		1		IJSDPAR	"X'01'" PARALLEL MOUNT REQUEST
					Comment
		---------- DEFINITION OF IJSDFLG7 ----------			
					End of Comment
71	(47)	BITSTRING	1	IJSDFLG7	FLAG 7
		1...		IJSDPCAT	"X'80'" POTENTIAL CATLG REQUEST
		.1..		IJSDISAM	"X'40'" DSORG=IS SPECIFIED
		..1.		IJSDCCAT	"X'20'" CONCATENATED DD REQ
		...1		IJSDGDSN	"X'10'" GENERATED DSN
		.... 1...		IJSDJOBL	"X'08'" JOBLIB DD REQUEST
		.... .1..		IJSDJSCT	"X'04'" JOBCAT/STEPCAT REQUEST
		.... ..1.		IJSDCATC	"X'02'" CONCATENATED PRIV CATLG
		1		IJSDGDGS	"X'01'" GDG SINGLE REQUEST

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- DEFINITION OF IJSDFLG8 ----------
					End of Comment
72	(48)	BITSTRING	1	IJSDFLG8	FLAG 8
		1...		IJSDNOSC	"X'80'" NON-SCR VOLS PRESENT
		.1..		IJSDNODL	"X'40'" NO DELETE (KEEP MSG ONLY)
		..1.		IJSDSPR	"X'20'" PROCESSED DATA SET
		...1		IJSJOBC	"X'10'" JOBCAT DD
		.... 1...		IJSDEFUN	"X'08'" THE UNIT TYPE FOR THIS ENTRY IS A DEFAULT THAT WAS SUPPLIED BY SMS IDAX.
		.... .1..		IJSLCGND	"X'04'" LOCATE GENERATED ENTRY
		.... ..1.		IJSPRIV	"X'02'" PRIVATE WAS SPECIFIED
		1		IJSDALL	"X'01'" SBSEQNT SCRTCH DSK OK
73	(49)	BITSTRING	1	IJSDSIZE (0)	LENGTH OF DSNAME
73	(49)	CHARACTER	45	IJSDSNAM	DATASET NAME
118	(76)	SIGNED	2	IJS2UNAF	RELATIVE IJS NUMBER FOR SECONDARY UNIT AFFINITY PROCESSING THIS CHAIN REPRESENTS DD'S WHICH HAVE SPECIFIED UNIT AFFINITY TO ANOTHER DD BUT WHOSE DEVICE TYPES ARE NOT COMPATIBLE WITH THE PRIMARY DD (THE INNERMOST DD THAT DOES NOT CONTAIN A UNIT AFFINITY REQUEST TO ANOTHER DD). WHEN ANOTHER DD SPECIFIES UNIT AFFINITY TO THIS DD AND NEEDS AN INCOMPATIBLE DEVICE TYPE, THE 2NDARY UNIT AFFINITY CHAIN STARTING WITH THE PRIMARY DD'S IJS IS SEARCHED TO DETERMINE IF ANOTHER IJS EXISTS WITH A COMPATIBLE DEVICE TYPE. IF SO, A UNIT AFFINITY IS CREATED WITH THE NEW IJS.
120	(78)	BITSTRING	1	IJSMEDIA	MEDIA TYPE OF REQUEST
121	(79)	BITSTRING	2	IJSDRSV2	RESERVED FOR SERVICE
					Comment
					---------- DEFINITION OF IJSDFLG9 ----------
					End of Comment
123	(7B)	BITSTRING	1	IJSDFLG9	FLAG 9
		1...		IJSSMSMM	"X'80'" SMS MANAGED MOUNTABLE
		.1..		IJSURORD	"X'40'" UNIT AFFINITY WAS INVALID. THE AFF'ING DD HAS TO USE THE UNIT ON THE AFF'D DD OR AN EDTINFO DEFAULT.
		..1.		IJSCATUN	"X'20'" UNIT NAME CAME FROM THE CATALOG
		...1		IJSAFOLD	"X'10'" THIS REQUEST (OR ONE THAT IT REFERENCES) SPECIFIES UNIT AFFINITY TO A REQUEST IN WHICH DISP IS NOT NEW
		.... 1...		IJSUASSI	"X'08'" SMS UNIT AFF SSI INVOKED
		.... .1..		IJSLIST	"X'04'" THERE'S A UNIT NAME LIST FOR THIS ENTRY
		.... ..1.		IJSD9R02	"X'02'" RESERVED FOR SERVICE
		1		IJSD9R01	"X'01'" RESERVED FOR SERVICE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment

```
-------------------------------------------------------------
      THIS IS A GENERAL PURPOSE WORK FIELD. THIS COMMENT
      SHOULD BE UPDATED WHEN THERE IS A NEW USE.
      CURRENT USES:
      -------------
       - IATIIP0X
          - USES THE FIELD TO SAVE THE VALUE OF THE UNIT
            PARAMETER ON THE DD STATEMENT WHEN THE DATA
            SET IN THE DD IS CATALOGED AND SMS MANAGED.
            THIS IS DONE SO THAT IF A DD UNIT AFF'S BACK
            TO THIS DD, THE UNIT IN THE JCL CAN BE USED,
            INSTEAD OF THE SMS CATALOG UNIT.
-------------------------------------------------------------
```

End of Comment

124	(7C)	CHARACTER	8	IJSGPWRK	GENERAL PURPOSE WORK FIELD
132	(84)	ADDRESS	4	IJSP0TGD	TEMPORARY CHAIN OF NEW GDG SINGLE DATA SETS. BUILT AND DELETED BY IATIIP0.
136	(88)	SIGNED	2	IJSNXDSK	NEXT DATA SET STACK
138	(8A)	SIGNED	2	IJSDDSTK	NEXT DD ON THE CURRENT DATA SET STACK.
140	(8C)	CHARACTER	8	IJSSMSUT	SMS MANAGED MOUNTABLE UNIT NAME
148	(94)	SIGNED	2	IJSDSKVL	ENTRY NUMBER IN VOLUME SERIAL TABLE
150	(96)	SIGNED	2	IJSDSKDP	RELATIVE DISPLACEMENT FROM TOP OF VOLUME SERIAL TABLE
152	(98)	SIGNED	2	IJSIMUAF	SPECIFIED AFF'D DD'S IJS ID
154	(9A)	SIGNED	2	IJSLSTEN	INDEX OF UNITNAME LIST ENTRY
156	(9C)	BITSTRING	8	IJSTRSV3	RESERVED FOR DEVELOPMENT

Comment

IJS MANAGED MOUNTABLE UNIT LIST ENTRY

End of Comment

0	(0)	SIGNED	2		IJSVARL SIZE OF THIS IJS ENTRY
2	(2)	BITSTRING	1		IJSENTID UNIT LIST ENTRY ID
3	(3)	BITSTRING	1		IJSSTPNO STEP NUMBER
4	(4)	SIGNED	4		IJSSWA INDEX OF DD ENTRY
8	(8)	SIGNED	2		IJSDDNXT REL IJS OF NEXT IJS ENTRY
10	(A)	SIGNED	2	IJSLSNXT	IJSSNXT NEXT LIST ENTRY FOR DD

Comment

```
-------------------------------------------------------------
      THE FOLLOWING NAME/FLAG FIELDS ARE REPEATED FOR EACH
      UNITNAME IN THE LIST ENTRY. IF THERE ARE MORE NAMES
      THAN WILL FIT IN AN ENTRY, ADDITIONAL ENTRIES WILL
      BE CREATED.
-------------------------------------------------------------
```

End of Comment

12	(C)	CHARACTER	8	IJSULNAM	UNIT NAME
20	(14)	CHARACTER	1	IJSULFL1	FLAG
		1...		IJSULAST	"X'80'" LAST UNIT NAME FOR REQUEST
		.1..		IJSELAST	"X'40'" LAST UNIT NAME IN THIS UNIT NAME LIST ENTRY
21	(15)	CHARACTER	1	IJSULFL2	FLAG
22	(16)	SIGNED	2	IJSLEND (0)	END OF NAME AND ASSOC FLAGS
22	(16)	BITSTRING	0	IJSLSIZE (0)	LENGTH OF NAME/FLAGS
164	(A4)	SIGNED	4	IJSVEND (0)	END OF FULL ENTRY
164	(A4)	BITSTRING	1	IJSVSIZ (0)	SIZE OF FULL ENTRY

IATYIJS Cross Reference

Name	Hex Offset	Hex Value
IJSAFOLD	7B	10
IJSCATUN	7B	20
IJSCHN	C	0
IJSCNT	6	0
IJSCRDEL	46	4
IJSCURVN	23	1
IJSDA	41	40
IJSDAFFD	46	10
IJSDALL	48	1
IJSDATA	1C	
IJSDCATC	47	2
IJSDCCAT	47	20
IJSDD	2	8
IJSDDNM	10	
IJSDDNXT	8	
IJSDDSTK	8A	
IJSDDUM	45	80
IJSDEFER	42	8
IJSDEFUN	48	8
IJSDFLG1	41	
IJSDFLG2	42	
IJSDFLG3	43	
IJSDFLG4	44	
IJSDFLG5	45	
IJSDFLG6	46	
IJSDFLG7	47	
IJSDFLG8	48	
IJSDFLG9	7B	
IJSDGDGS	47	1
IJSDGDSN	47	10
IJSDISAM	47	40
IJSDJOBL	47	8
IJSDJSCT	47	4
IJSDMD	43	40
IJSDNODL	48	40
IJSDNOSC	48	80
IJSDPAR	46	1
IJSDPCAT	47	80
IJSDRSV2	79	
IJSDSIZE	49	
IJSDSKDP	96	
IJSDSKVL	94	
IJSDSNAM	49	
IJSDSNQ	20	
IJSDSPR	48	20
IJSDSSEQ	3E	
IJSDSSTK	22	80
IJSDUNAF	46	80
IJSDVRDD	46	40
IJSDVRDS	46	20
IJSD9R01	7B	1
IJSD9R02	7B	2
IJSELAST	14	40
IJSENTID	2	
IJSENTRY	0	
IJSEOB	2	F7
IJSEOF	2	FF
IJSFEND	24	
IJSFIXL	1C	
IJSFSIZ	24	
IJSGDALL	45	10
IJSGPWRK	7C	
IJSGR	41	10
IJSHFLG1	22	
IJSHIGHE	20	
IJSID	8	C9D1E240
IJSIMUAF	98	
IJSJOBC	48	10
IJSJST	C	
IJSJVT	2C	
IJSLABEL	40	
IJSLCGDG	45	2
IJSLCGND	48	4
IJSLCUAF	45	1
IJSLEND	16	
IJSLIST	7B	4
IJSLOCPR	45	4
IJSLOWE	1E	
IJSLSIZE	16	
IJSLSNXT	A	
IJSLSTEN	9A	
IJSLVS	30	
IJSLVSC	32	
IJSLVSGA	E	
IJSMEDIA	78	
IJSMOD	42	10
IJSMS	41	8
IJSMSVGP	45	20
IJSNEW	42	40
IJSNOJVT	38	
IJSNOVLS	36	
IJSNULL	2	0
IJSNUMUN	34	
IJSNXDSK	88	
IJSOLD	42	80
IJSPRDEL	46	8
IJSPRIV	48	2
IJSPRMRS	45	40
IJSPRNM	18	
IJSP0TGD	84	
IJSRELPS	2E	
IJSRING	42	4
IJSRPN	A	
IJSRSVD1	E	
IJSSCR	43	20
IJSSFLG1	22	
IJSSHR	42	20
IJSSMS	42	2
IJSSMSMM	7B	80
IJSSMSUT	8C	
IJSSNXT	A	
IJSSP312	23	1
IJSSTART	0	
IJSSTEP	2	4
IJSSTNM	10	
IJSSTPNO	3	
IJSSWA	4	
IJSTA	41	80
IJSTPDSK	20	
IJSTRK	0	0
IJSTRSV3	9C	
IJSTYPE	18	
IJSUAFF	2A	
IJSUASSI	7B	8
IJSULAST	14	80
IJSULFL1	14	

Name	Hex Offset	Hex Value
IJSULFL2	15	
IJSULIST	2	10
IJSULNAM	C	
IJSUNCAT	45	8
IJSUR	41	20
IJSURORD	7B	40
IJSVARL	0	
IJSVEND	A4	
IJSVERSN	23	
IJSVLID	18	0
IJSVLSEQ	3C	
IJSVOLCT	3A	
IJSVREF	28	
IJSVRPAS	46	2
IJSVSIZ	A4	
IJS2UNAF	76	

IATYIMCL Heading Information

Common Name: Intermediate CLASS record
Macro ID: IATYIMCL
DSECT Name: IMCLSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: WLM
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Auxiliary Storage: JES3 Spool
Subpool: 0
Key: 0
Size: IMCLSIZE bytes
Created by: IATINCL
Pointed to by: None
Serialization: None
Function: This macro maps the spooled intermediate text from the CLASS initialization statement.

IATYIMCL Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	IMCSTART	

Comment

Fields in this table initialized to values other than 0 contain the initialized value in spooled records in previous releases of JES3. Do not use these fields. If IATINCL code is changed to use any of them, IATINM2 will incorrectly think that IATINCL set these values according to some initialization parameter, but this is not necessarily true. The value could just have been residual from a previous release's initialized copy of the spool record.

End of Comment

0	(0)	CHARACTER	8	IMCNAME	Job class name
8	(8)	SIGNED	2	IMCTLCNT	Count of TLIMITs
10	(A)	SIGNED	2	IMCMLCNT	Count of MLIMITs
12	(C)	SIGNED	2	IMCMLMN	Count of mains with MLIMITs
14	(E)	BITSTRING	1	IMCRSV01	Reserved for development
15	(F)	BITSTRING	1	IMCRSV02	Reserved for development
16	(10)	BITSTRING	1	IMCRSV03	Reserved for development
17	(11)	BITSTRING	1	IMCSDEPT	Maximum allowed in SETUP
18	(12)	BITSTRING	1	IMCTDEPT	Maximium allowed executing
19	(13)	BITSTRING	1		Maps to MCCPTYPE, do not use
20	(14)	BITSTRING	1	IMCIORAT	Job I/O rate
21	(15)	BITSTRING	1	IMCPRTY	Job priority
22	(16)	BITSTRING	1	IMCFAIL	Job FAILURE option
23	(17)	BITSTRING	1		Reserved - do not use
24	(18)	BITSTRING	1	IMCRSV04	Reserved for development
25	(19)	BITSTRING	1	IMCLSPHH	SPIN hour or interval
26	(1A)	BITSTRING	1	IMCLSPMM	SPIN minute or interval
27	(1B)	BITSTRING	1	IMCOPTFL	Class options flag, same as MCOPTFLG in IATYMCL

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Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
28	(1C)	BITSTRING	1	IMCFLAG2	Flag byte 2, same as MCFLAG2 in IATYMCL
29	(1D)	BITSTRING	1	IMCLSTRR	LSTOR reduction ratio
30	(1E)	SIGNED	2	IMCRESU1	Reserved for user
32	(20)	SIGNED	4		These fields map to areas on
36	(24)	SIGNED	4		spool records that contain FF's in earlier releases. Do not use these fields. If these fields are used their settings will be incorrectly recognized.
40	(28)	BITSTRING	1	IMCCISFL	CI Scheduling flag byte Same as MCCISFLG in IATYMCL
41	(29)	BITSTRING	1	IMCINFLG	Class table initialization flags, same as MCINFLG in IATYMCL
42	(2A)	SIGNED	2	IMCRSV09	Reserved for development
44	(2C)	CHARACTER	8	IMCSPNM	Spool partition name
52	(34)	SIGNED	2	IMCSPLNI	SPIN line interval
54	(36)	BITSTRING	1	IMCSTRG1	Primary TRKGRP allocation
55	(37)	BITSTRING	1	IMCSTRG2	Secondary TRKGRP Allocation
56	(38)	SIGNED	4	IMCRSVS2	Reserved for service
60	(3C)	SIGNED	4	IMCRESU2	Reserved for user
64	(40)	CHARACTER	8	IMCGNAME	Job class group name
72	(48)	SIGNED	4	IMCEND (0)	End of spooled record
72	(48)	X'48'	0	IMCSIZE	"IMCEND-IMCSTART" Size of spooled record

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MDTABLE	
0	(0)	CHARACTER	8	MDCNAME	Class defining the entry
8	(8)	CHARACTER	8	MDMNAME	Main processor name
16	(10)	CHARACTER	1	MDMDEPTH	Class depth value on main

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MLTABLE	
0	(0)	CHARACTER	8	MLCCNAME	Class defining the entry
8	(8)	CHARACTER	8	MLMNAME	Main processor name
16	(10)	CHARACTER	8	MLCNAME	Limiting class name
24	(18)	CHARACTER	1	MLLIMIT	Maximum allowed executing jobs in the limiting class
25	(19)	BITSTRING	1	MLEND (0)	End of table
25	(19)	BITSTRING	1	MLSIZE (0)	Size of table

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MCSTABLE	
0	(0)	CHARACTER	8	MCCNAME	Class defining the entry
8	(8)	CHARACTER	9	MCMNAME	System name

Comment

IATYIMCL already generated

End of Comment

IATYIMCL Cross Reference

Name	Hex Offset	Hex Value
IMCCISFL	28	0
IMCEND	48	
IMCFAIL	16	FF
IMCFLAG2	1C	0
IMCGNAME	40	40404040
IMCINFLG	29	0
IMCIORAT	14	FF
IMCLSPHH	19	0
IMCLSPMM	1A	0
IMCLSTRR	1D	0
IMCMLCNT	A	0
IMCMLMN	C	0
IMCNAME	0	40404040
IMCOPTFL	1B	0
IMCPRTY	15	FF
IMCRESU1	1E	0
IMCRESU2	3C	0
IMCRSVS2	38	0
IMCRSV01	E	0
IMCRSV02	F	0
IMCRSV03	10	0
IMCRSV04	18	0
IMCRSV09	2A	0
IMCSDEPT	11	FF
IMCSIZE	48	48
IMCSPLNI	34	0
IMCSPNM	2C	40404040
IMCSTART	0	
IMCSTRG1	36	0
IMCSTRG2	37	0
IMCTDEPT	12	FF
IMCTLCNT	8	0
MCCNAME	0	40404040
MCMNAME	8	40404040
MCSTABLE	0	
MDCNAME	0	40404040
MDMDEPTH	10	40
MDMNAME	8	40404040
MDTABLE	0	
MLCCNAME	0	40404040
MLCNAME	10	40404040
MLEND	19	
MLLIMIT	18	40
MLMNAME	8	40404040
MLSIZE	19	
MLTABLE	0	

IATYINC Heading Information

Common Name: Intermediate Console Status Table
Macro ID: IATYINC
DSECT Name: IATYINC --Intermediate Console Table
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YINC
Offset: 0
Length: 4
Language: PL/X
Storage Attributes: Main Storage: 39
Virtual Storage: 39
Auxiliary Storage: 39
Subpool: N/A
Key: 1
Data Space: N/A
Residency: any Frequency: one per remote console
Size: 39
Created by: IATINC1
Pointed to by: Spool ID Entries INTCORID
Serialization: none
Function: Contains the information required to build the remote consoles during JES3 initialization.

IATYINC Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYINC	IATYINC.270: Intermediate Console Table
0	(0)	CHARACTER	4	INCEYE	IATYINC.93: Control Block Eyecatcher
4	(4)	SIGNED	4	INCVERS	IATYINC.99: Control Block Version
8	(8)	SIGNED	2	INCLEN	IATYINC.146: Length of the intermediate console table entry
10	(A)	CHARACTER	8	CNDDNAME	IATYINC.105: Console Name
18	(12)	CHARACTER	17	CNROUTE (0)	IATYINC.117: Route code mask
18	(12)	CHARACTER	17	RC_MASK (0)	JESDCONS.373: Route code mask with the additional JES3 routing attributes
18	(12)	CHARACTER	1	RC_MASK_BYTE_1 (0)	
					JESDCONS.1320: Route code mask byte 1
		1...		RC1	"X'80'" JESDCONS.231: Route code 1
		.1..		RC2	"X'40'" JESDCONS.237: Route code 2
		..1.		RC3	"X'20'" JESDCONS.243: Route code 3
		...1		RC4	"X'10'" JESDCONS.313: Route code 4
		.... 1...		RC5	"X'08'" JESDCONS.319: Route code 5
		.... .1..		RC6	"X'04'" JESDCONS.383: Route code 6
		.... ..1.		RC7	"X'02'" JESDCONS.389: Route code 7
		1		RC8	"X'01'" JESDCONS.395: Route code 8
19	(13)	CHARACTER	1	RC_MASK_BYTE_2 (0)	
					JESDCONS.1426: Route code mask byte 1
		1...		RC9	"X'80'" JESDCONS.401: Route code 9
		.1..		RC10	"X'40'" JESDCONS.407: Route code 10
		..1.		RC11	"X'20'" JESDCONS.413: Route code 11
		...1		RC12	"X'10'" JESDCONS.419: Route code 12
		.... 1...		RC13	"X'08'" JESDCONS.425: Route code 13
		.... .1..		RC14	"X'04'" JESDCONS.431: Route code 14
		.... ..1.		RC15	"X'02'" JESDCONS.437: Route code 15
		1		RC16	"X'01'" JESDCONS.443: Route code 16

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
20	(14)	CHARACTER	1	RC_MASK_BYTE_3 (0)	
					JESDCONS.1430: Route code mask byte 1
		1...		RC17	"X'80'" JESDCONS.449: Route code 17
		.1..		RC18	"X'40'" JESDCONS.455: Route code 18
		..1.		RC19	"X'20'" JESDCONS.461: Route code 19
		...1		RC20	"X'10'" JESDCONS.467: Route code 20
		.... 1...		RC21	"X'08'" JESDCONS.473: Route code 21
		.... .1..		RC22	"X'04'" JESDCONS.479: Route code 22
		.... ..1.		RC23	"X'02'" JESDCONS.485: Route code 23
		1		RC24	"X'01'" JESDCONS.491: Route code 24
21	(15)	CHARACTER	1	RC_MASK_BYTE_4 (0)	
					JESDCONS.1437: Route code mask byte 1
		1...		RC25	"X'80'" JESDCONS.497: Route code 25
		.1..		RC26	"X'40'" JESDCONS.503: Route code 26
		..1.		RC27	"X'20'" JESDCONS.509: Route code 27
		...1		RC28	"X'10'" JESDCONS.515: Route code 28
		.... 1...		RC29	"X'08'" JESDCONS.521: Route code 29
		.... .1..		RC30	"X'04'" JESDCONS.527: Route code 30
		.... ..1.		RC31	"X'02'" JESDCONS.533: Route code 31
		1		RC32	"X'01'" JESDCONS.539: Route code 32
22	(16)	CHARACTER	1	RC_MASK_BYTE_5 (0)	
					JESDCONS.1443: Route code mask byte 1
		1...		RC33	"X'80'" JESDCONS.545: Route code 33
		.1..		RC34	"X'40'" JESDCONS.551: Route code 34
		..1.		RC35	"X'20'" JESDCONS.557: Route code 35
		...1		RC36	"X'10'" JESDCONS.563: Route code 36
		.... 1...		RC37	"X'08'" JESDCONS.569: Route code 37
		.... .1..		RC38	"X'04'" JESDCONS.575: Route code 38
		.... ..1.		RC39	"X'02'" JESDCONS.581: Route code 39
		1		RC40	"X'01'" JESDCONS.587: Route code 40
23	(17)	CHARACTER	1	RC_MASK_BYTE_6 (0)	
					JESDCONS.1449: Route code mask byte 1
		1...		RC41	"X'80'" JESDCONS.593: Route code 41
		.1..		RC42	"X'40'" JESDCONS.599: Route code 42
		..1.		RC43	"X'20'" JESDCONS.605: Route code 43
		...1		RC44	"X'10'" JESDCONS.611: Route code 44
		.... 1...		RC45	"X'08'" JESDCONS.617: Route code 45
		.... .1..		RC46	"X'04'" JESDCONS.623: Route code 46
		.... ..1.		RC47	"X'02'" JESDCONS.629: Route code 47
		1		RC48	"X'01'" JESDCONS.635: Route code 48
24	(18)	CHARACTER	1	RC_MASK_BYTE_7 (0)	
					JESDCONS.1455: Route code mask byte 1
		1...		RC49	"X'80'" JESDCONS.641: Route code 49
		.1..		RC50	"X'40'" JESDCONS.647: Route code 50
		..1.		RC51	"X'20'" JESDCONS.653: Route code 51
		...1		RC52	"X'10'" JESDCONS.659: Route code 52
		.... 1...		RC53	"X'08'" JESDCONS.665: Route code 53
		.... .1..		RC54	"X'04'" JESDCONS.671: Route code 54
		.... ..1.		RC55	"X'02'" JESDCONS.677: Route code 55
		1		RC56	"X'01'" JESDCONS.683: Route code 56
25	(19)	CHARACTER	1	RC_MASK_BYTE_8 (0)	
					JESDCONS.1461: Route code mask byte 1
		1...		RC57	"X'80'" JESDCONS.689: Route code 57
		.1..		RC58	"X'40'" JESDCONS.695: Route code 58
		..1.		RC59	"X'20'" JESDCONS.701: Route code 59
		...1		RC60	"X'10'" JESDCONS.707: Route code 60
		.... 1...		RC61	"X'08'" JESDCONS.713: Route code 61
		.... .1..		RC62	"X'04'" JESDCONS.719: Route code 62

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		RC63	"X'02'" JESDCONS.725: Route code 63
		1		RC64	"X'01'" JESDCONS.731: Route code 64
26	(1A)	CHARACTER	1	RC_MASK_BYTE_9 (0)	
					JESDCONS.1467: Route code mask byte 1
		1...		RC65	"X'80'" JESDCONS.737: Route code 65
		.1..		RC66	"X'40'" JESDCONS.743: Route code 66
		..1.		RC67	"X'20'" JESDCONS.749: Route code 67
		...1		RC68	"X'10'" JESDCONS.755: Route code 68
		.... 1...		RC69	"X'08'" JESDCONS.761: Route code 69
		.... .1..		RC70	"X'04'" JESDCONS.767: Route code 70
		.... ..1.		RC71	"X'02'" JESDCONS.773: Route code 71
		1		RC72	"X'01'" JESDCONS.779: Route code 72
27	(1B)	CHARACTER	1	RC_MASK_BYTE_10 (0)	
					JESDCONS.1473: Route code mask byte 10
		1...		RC73	"X'80'" JESDCONS.785: Route code 73
		.1..		RC74	"X'40'" JESDCONS.791: Route code 74
		..1.		RC75	"X'20'" JESDCONS.797: Route code 75
		...1		RC76	"X'10'" JESDCONS.803: Route code 76
		.... 1...		RC77	"X'08'" JESDCONS.809: Route code 77
		.... .1..		RC78	"X'04'" JESDCONS.815: Route code 78
		.... ..1.		RC79	"X'02'" JESDCONS.821: Route code 79
		1		RC80	"X'01'" JESDCONS.827: Route code 80
28	(1C)	CHARACTER	1	RC_MASK_BYTE_11 (0)	
					JESDCONS.1479: Route code mask byte 11
		1...		RC81	"X'80'" JESDCONS.833: Route code 81
		.1..		RC82	"X'40'" JESDCONS.839: Route code 82
		..1.		RC83	"X'20'" JESDCONS.845: Route code 83
		...1		RC84	"X'10'" JESDCONS.851: Route code 84
		.... 1...		RC85	"X'08'" JESDCONS.857: Route code 85
		.... .1..		RC86	"X'04'" JESDCONS.863: Route code 86
		.... ..1.		RC87	"X'02'" JESDCONS.869: Route code 87
		1		RC88	"X'01'" JESDCONS.875: Route code 88
29	(1D)	CHARACTER	1	RC_MASK_BYTE_12 (0)	
					JESDCONS.1485: Route code mask byte 12
		1...		RC89	"X'80'" JESDCONS.881: Route code 89
		.1..		RC90	"X'40'" JESDCONS.887: Route code 90
		..1.		RC91	"X'20'" JESDCONS.893: Route code 91
		...1		RC92	"X'10'" JESDCONS.899: Route code 92
		.... 1...		RC93	"X'08'" JESDCONS.905: Route code 93
		.... .1..		RC94	"X'04'" JESDCONS.911: Route code 94
		.... ..1.		RC95	"X'02'" JESDCONS.917: Route code 95
		1		RC96	"X'01'" JESDCONS.923: Route code 96
30	(1E)	CHARACTER	1	RC_MASK_BYTE_13 (0)	
					JESDCONS.1491: Route code mask byte 13
		1...		RC97	"X'80'" JESDCONS.929: Route code 97
		.1..		RC98	"X'40'" JESDCONS.935: Route code 98
		..1.		RC99	"X'20'" JESDCONS.941: Route code 99
		...1		RC100	"X'10'" JESDCONS.947: Route code 100
		.... 1...		RC101	"X'08'" JESDCONS.953: Route code 101
		.... .1..		RC102	"X'04'" JESDCONS.959: Route code 102
		.... ..1.		RC103	"X'02'" JESDCONS.965: Route code 103
		1		RC104	"X'01'" JESDCONS.971: Route code 104
31	(1F)	CHARACTER	1	RC_MASK_BYTE_14 (0)	
					JESDCONS.1497: Route code mask byte 14
		1...		RC105	"X'80'" JESDCONS.977: Route code 105
		.1..		RC106	"X'40'" JESDCONS.983: Route code 106
		..1.		RC107	"X'20'" JESDCONS.989: Route code 107
		...1		RC108	"X'10'" JESDCONS.995: Route code 108

IATYINC Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		RC109	"X'08'" JESDCONS.1001: Route code 109
		.... .1..		RC110	"X'04'" JESDCONS.1007: Route code 110
		.... ..1.		RC111	"X'02'" JESDCONS.1013: Route code 111
		1		RC112	"X'01'" JESDCONS.1019: Route code 112
32	(20)	CHARACTER	1	RC_MASK_BYTE_15 (0)	
					JESDCONS.1503: Route code mask byte 15
		1...		RC113	"X'80'" JESDCONS.1025: Route code 113
		.1..		RC114	"X'40'" JESDCONS.1031: Route code 114
		..1.		RC115	"X'20'" JESDCONS.1037: Route code 115
		...1		RC116	"X'10'" JESDCONS.1043: Route code 116
		.... 1...		RC117	"X'08'" JESDCONS.1049: Route code 117
		.... .1..		RC118	"X'04'" JESDCONS.1055: Route code 118
		.... ..1.		RC119	"X'02'" JESDCONS.1061: Route code 119
		1		RC120	"X'01'" JESDCONS.1067: Route code 120
33	(21)	CHARACTER	1	RC_MASK_BYTE_16 (0)	
					JESDCONS.1509: Route code mask byte 16
		1...		RC121	"X'80'" JESDCONS.1073: Route code 121
		.1..		RC122	"X'40'" JESDCONS.1079: Route code 122
		..1.		RC123	"X'20'" JESDCONS.1085: Route code 123
		...1		RC124	"X'10'" JESDCONS.1091: Route code 124
		.... 1...		RC125	"X'08'" JESDCONS.1097: Route code 125
		.... .1..		RC126	"X'04'" JESDCONS.1103: Route code 126
		.... ..1.		RC127	"X'02'" JESDCONS.1109: Route code 127
		1		RC128	"X'01'" JESDCONS.1115: Route code 128
34	(22)	CHARACTER	1	RC_MASK_BYTE_17 (0)	
					JESDCONS.1515: Route code mask byte 17
		1...		BROADCAST	"X'80'" JESDCONS.1121: Broadcast
		.1..		HARDCOPY	"X'40'" JESDCONS.1127: HARDCOPY LOG
35	(23)	SIGNED	1	CNLEVEL	IATYINC.123: Console Authority Level
36	(24)	SIGNED	1	CNLLEN	IATYINC.140: Console Line Length
37	(25)	BITSTRING	1	FLAG1 (0)	IATYINC.129: Flag byte
		1...		MIGID	"X'80'" IATYINC.347: Indicator of whether a migration id shound be obtained
		.1..		JES3ONLY	"X'40'" IATYINC.353: The console is a JES3 only console
		..1.		SAVEMSG	"X'20'" IATYINC.359: Messages should be saved while the workstation is logged off
38	(26)	BITSTRING	1	CNTYPE (0)	IATYINC.204: Type of console
		1...		RJP	"X'80'" IATYINC.210: TYPE=RJP console
38	(26)	X'1'	0	INC313	"1" IATYINC.301: Equate for HJS3313
38	(26)	X'2'	0	INC521	"2" IATYINC.310: Equate for HJS5521
39	(27)	X'27'	0	IATYINC_LEN	"*-IATYINC"

IATYINC Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
BROADCAST	22	80	JES3ONLY	25	40
CNDDNAME	A		MIGID	25	80
CNLEVEL	23		RC_MASK	12	
CNLLEN	24		RC_MASK_BYTE_1		
CNROUTE	12			12	
CNTYPE	26		RC_MASK_BYTE_10		
FLAG1	25			1B	
HARDCOPY	22	40	RC_MASK_BYTE_11		
IATYINC	0			1C	
IATYINC_LEN	27	27	RC_MASK_BYTE_12		
INCEYE	0			1D	
INCLEN	8		RC_MASK_BYTE_13		
INCVERS	4			1E	
INC313	26	1	RC_MASK_BYTE_14		
INC521	26	2		1F	

Name	Hex Offset	Hex Value
RC_MASK_BYTE_15		
	20	
RC_MASK_BYTE_16		
	21	
RC_MASK_BYTE_17		
	22	
RC_MASK_BYTE_2		
	13	
RC_MASK_BYTE_3		
	14	
RC_MASK_BYTE_4		
	15	
RC_MASK_BYTE_5		
	16	
RC_MASK_BYTE_6		
	17	
RC_MASK_BYTE_7		
	18	
RC_MASK_BYTE_8		
	19	
RC_MASK_BYTE_9		
	1A	
RC1	12	80
RC10	13	40
RC100	1E	10
RC101	1E	8
RC102	1E	4
RC103	1E	2
RC104	1E	1
RC105	1F	80
RC106	1F	40
RC107	1F	20
RC108	1F	10
RC109	1F	8
RC11	13	20
RC110	1F	4
RC111	1F	2
RC112	1F	1
RC113	20	80
RC114	20	40
RC115	20	20
RC116	20	10
RC117	20	8
RC118	20	4
RC119	20	2
RC12	13	10
RC120	20	1
RC121	21	80
RC122	21	40
RC123	21	20
RC124	21	10
RC125	21	8
RC126	21	4
RC127	21	2
RC128	21	1
RC13	13	8
RC14	13	4
RC15	13	2
RC16	13	1
RC17	14	80
RC18	14	40
RC19	14	20
RC2	12	40
RC20	14	10
RC21	14	8
RC22	14	4
RC23	14	2
RC24	14	1
RC25	15	80
RC26	15	40
RC27	15	20
RC28	15	10
RC29	15	8
RC3	12	20
RC30	15	4
RC31	15	2
RC32	15	1
RC33	16	80
RC34	16	40
RC35	16	20
RC36	16	10
RC37	16	8
RC38	16	4
RC39	16	2
RC4	12	10
RC40	16	1
RC41	17	80
RC42	17	40
RC43	17	20
RC44	17	10
RC45	17	8
RC46	17	4
RC47	17	2
RC48	17	1
RC49	18	80
RC5	12	8
RC50	18	40
RC51	18	20
RC52	18	10
RC53	18	8
RC54	18	4
RC55	18	2
RC56	18	1
RC57	19	80
RC58	19	40
RC59	19	20
RC6	12	4
RC60	19	10
RC61	19	8
RC62	19	4
RC63	19	2
RC64	19	1
RC65	1A	80
RC66	1A	40
RC67	1A	20
RC68	1A	10
RC69	1A	8
RC7	12	2
RC70	1A	4
RC71	1A	2
RC72	1A	1
RC73	1B	80
RC74	1B	40
RC75	1B	20
RC76	1B	10
RC77	1B	8
RC78	1B	4
RC79	1B	2
RC8	12	1
RC80	1B	1

IATYINC Cross Reference

Name	Hex Offset	Hex Value
RC81	1C	80
RC82	1C	40
RC83	1C	20
RC84	1C	10
RC85	1C	8
RC86	1C	4
RC87	1C	2
RC88	1C	1
RC89	1D	80
RC9	13	80
RC90	1D	40
RC91	1D	20
RC92	1D	10
RC93	1D	8
RC94	1D	4
RC95	1D	2
RC96	1D	1
RC97	1E	80
RC98	1E	40
RC99	1E	20
RJP	26	80
SAVEMSG	25	20

IATYINM Heading Information

Common Name: INTERMEDIATE JES3 MESSAGE ROUTING TABLE
Macro ID: IATYINM
DSECT Name: INMSTART, INMENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: Main Name
Offset: INMNAME
Length: 8
Storage Attributes: Main Storage: N/A
Auxiliary Storage: SPOOL
Size: INMFSIZE (for INMSTART)
INMESIZE (for INMENTRY)
Created by: IATINC1
Pointed to by: SPOOL ID ENTRY INTMSGID
Serialization: None
Function: Maps an intermediate copy of the MSGROUTE tables on spool. This table is used across JES3 restarts.

IATYINM Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	INMSTART	
0	(0)	CHARACTER	8	INMNAME	- MAIN PROCESSOR IDENTIFIER
0	(0)	X'8'	0	INMFEND	"*" END OF FIXED SECTION
0	(0)	X'8'	0	INMFSIZE	"INMFEND-INMSTART" SIZE OF FIXED SECTION

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	INMENTRY	
0	(0)	CHARACTER	8	INMCON	MCS Console Name
8	(8)	BITSTRING	17	INMROUT	Route Code Mask
25	(19)	BITSTRING	1	INMFLAG	- FLAG BYTE
25	(19)	X'1A'	0	INMEND	"*" END OF ENTRY
25	(19)	X'1A'	0	INMESIZE	"INMEND-INMENTRY" ENTRY SIZE
26	(1A)	CHARACTER	1	INMREST (127)	ENTRIES FOR ROUT CODES 2-127
26	(1A)	X'D08'	0	INMTSIZE	"(INMFSIZE+(128*INMESIZE))" TOTAL TABLE SIZE *

Comment

```
-----------------------------------------------------------------
          DEFINITION OF INMFLAG
-----------------------------------------------------------------
```

End of Comment

1...	INMREPLC	"X'80'" - Route code equivalent of the destination class associated with this MSGROUTE statement should replace message's route codes

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IATYINM Cross Reference

Name	Hex Offset	Hex Value
INMCON	0	
INMEND	19	1A
INMENTRY	0	
INMESIZE	19	1A
INMFEND	0	8
INMFLAG	19	
INMFSIZE	0	8
INMNAME	0	
INMREPLC	1A	80
INMREST	1A	
INMROUT	8	
INMSTART	0	
INMTSIZE	1A	D08

IATYINM4 Heading Information

Common Name: IATINM4 Vector Table
Macro ID: IATYINM4
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0
Size: INM4SIZE
Created by: Resident within IATINM4 and any module that calls the routines has a resident copy.
Pointed to by: Modules with a resident copy
Serialization: NONE
Function: Maps the subroutines of IATINM4 callable by other initialization modules.

IATYINM4 Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		
0	(0)	ADDRESS	4	INM4STRT (0)	Marks start of area
0	(0)	ADDRESS	4	FINDCONS	Console dest find routine
4	(4)	ADDRESS	4	SETMNID	Receive area setup routine
8	(8)	ADDRESS	4	FIXGPRTY	Group priority routine
12	(C)	ADDRESS	4	LOADMAIN	Main module load routine
16	(10)	ADDRESS	4	CSAVER	CSA table verify routine

Comment

```
-------------------------------------------------------------
      End of data area.
-------------------------------------------------------------
```

End of Comment

16	(10)	X'14'	0	INM4END	"*" End of IATYINM4
16	(10)	X'14'	0	INM4SIZE	"INM4END-INM4STRT" Size of IATYINM4

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IATYINT Programming Interface information

Programming Interface information

IATYINT

The following fields are **NOT** programming interface information:

- ACDRDRTN
- ICARDRD
- ICONVBIN
- ICONVHEX
- IINEOF2
- INITBSES
- INITERTN
- INITMWLE
- INITSVBS
- INOMAIN
- INTBTCAD
- INTBTRAD
- INTCFGAD
- INTCFGTK
- INTCSITX
- INTCSRAD
- INTCTADR
- INTDEJOB
- INTDSTAD
- INTDVSAD
- INTDYCPY
- INTFSADR
- INTICLEN
- INTICOMT
- INTICPAD
- INTIDVS
- INTIICAD
- INTINPIN
- INTINPTM
- INTJELAD
- INTJELEN
- INTLCPFD
- INTLGRTN
- INTLGTOK
- INTLUJCT
- INTMCNDB
- INTMDADR
- INTOLIFD
- INTOLJBT
- INTPKADR
- INTRBADR
- INTSETID
- INTSPCAD
- INTSPRAD
- INTSPRID
- INTSTNID
- INTTFCAD
- INTVOLAD
- INTWSADR
- IPURGE
- ISCAN1
- ISCAN2
- ISORT
- ITREAD
- ITWRITE
- IVALFDB
- IWASPOUT
- REG8SAVE

End of Programming Interface information

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IATYINT Heading Information

Common Name: Data CSECT for Initialization Routines
Macro ID: IATYINT
DSECT Name: IATINDT, INTGB, INTPMTAB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATINDT (IATINDT)
Offset: '48'X
Length: 8
Storage Attributes: Subpool: 251
Key: JES key
Residency: Below 16M
Size: INTLNGTH (for ABCSTART),
INTGBLEN (for INTGB),
INTPMLN3 (for INTPMTAB)
INTXDSIZ (for INTXDSTR)
Created by: IATINIT as IATINDT
Pointed to by: AINTDATA in IATYTVT
R13 in Initialization
Serialization: None
Function: Data CSECT used for initialization routines

IATYINT Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FDBSTART	

Comment

```
-----------------------------------------------------------------
        WARNING
    THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT
    BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON
    SOME JES3 MODULES.
-----------------------------------------------------------------
```

End of Comment

0	(0)	SIGNED	4	FDBDATA (0)	- BUFFER ADDRESS OF DATA
0	(0)	BITSTRING	6	FDBSPADR (0)	- M.R SPOOL REC ADDR OF DATA
0	(0)	BITSTRING	2	FDBSPMOD	- MODULE NUMBER OF SPOOL EXTENT
2	(2)	BITSTRING	4	FDBSPREC	- RECORD NUMBER OF DATA
6	(6)	BITSTRING	1	FDBFLAG0 (0)	SINGLE RECORD AND ERROR FLAGS

Comment

```
-----------------------------------------------------------------
  DEFINITION OF FDBFLAG0: SINGLE-RECORD AND ERROR FLAGS
-----------------------------------------------------------------
```

End of Comment

1111	....	FDBERFLG	"X'F0'" I/O ERROR FLAGS.
1..1	....	FDBDKFRR	"X'90'" PROGRAM CHECK IN IATDMDK.
1...	....	FDBRECOV	"X'80'" SUCCESSFUL ERROR RECOVERY OCCURRED
.111	....	FDBJBTER	"X'70'" ERROR READING THE JBT OCCURRED
.11.	....	FDBCHKPT	"X'60'" FIRST/LAST TRACK ADDR CHANGE
.1.1	....	FDBF0RS1	"X'50'" RESERVED FLAG.
.1..	....	FDBERROR	"X'40'" UNCORRECTABLE I/O ERROR OCCURRED
..11	....	FDBTAERR	"X'30'" DISK ADDRESS NOT VERIFY.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		FDBIOERR	"X'20'" I/O ERROR RECOVERY IN PROGRESS
		...1		FDBROTER	"X'10'" ERROR OCCURRED ON ROOT I/O.
				Comment	
		FOLLOWING FOUR FLAGS ARE FOR SINGLE RECORD FILES ONLY			
				End of Comment	
		.... 1...		FDBNOPUT	"X'08'" WRITE WITHOUT PUTBUF
		.... .1..		FDBOLD	"X'04'" OLD SINGLE RECORD FILE
		.... ..1.		FDBJBTAT	"X'02'" INDICATES FDB IS A JBTAT FDB
		1		FDBFCTPM	"X'01'" PARAMETERS IN FCT
6	(6)	BITSTRING	1	FDBPRTY	FDB PRTY (BITS 0-3) DURING OPEN
7	(7)	BITSTRING	1	FDBFLAGS	FLAGS COMMON TO SINGLE/MULT 1
				Comment	
		---------- DEFINITION OF FDBFLAGS: SINGLE- & MULTIPLE-RECORD FILES ----------			
				End of Comment	
		1...		FDBECF	"X'80'" - I/O EVENT COMPLETION.
		.1..		FDBMNTAT	"X'40'" SINGLE TRACK ALLOCATION USED
		..1.		FDBINPUT	"X'20'" - INPUT/OUTPUT FILE (INPUT IF ON).
		...1		FDBCLOSE	"X'10'" - OPEN/CLOSED FLAG (CLOSED IF ON).
		.... 1...		FDBMULT	"X'08'" - SINGLE/MULTIPLE FILE (MULT IF ON).
		.... .1..		FDBSRSV1	"X'04'" - RESERVED.
		.... ..1.		FDBWCHLK	"X'02'" - WRTCHAIN ROOT FDB LOCK FLAG.
		1		FDBSRSV2	"X'01'" - RESERVED.
8	(8)	BITSTRING	1	FDBSPFL1	- FLAGS FOR SPOOL DATA MGMT
				Comment	
		---------- DEFINITION OF FDBSPFL1: SINGLE- & MULTIPLE-RECORD FILES ----------			
				End of Comment	
		1...		FDBONSP	"X'80'" - FDB CONTAINS A SPOOL ADDRESS
		.1..		FDBIOIP	"X'40'" - I/O IN-PROGRESS INDICATOR
		..1.		FDBCSBTR	"X'20'" CSBT USED TO READ CH. SRF 0440
		...1		FDBCSBTW	"X'10'" USE CSBT TO WRITE CHAINED SRF
		.... 1...		FDBCSBTL	"X'08'" USE CSBT TO RELEASE CHAINED SRF
		.... .1..		FDBCSBTJ	"X'04'" USE CSBT FOR THIS JESREAD 0440
9	(9)	BITSTRING	1	FDBFLGR2	- RESERVED FOR SERVICE
10	(A)	SIGNED	2	FDBRSVD1	- RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	FDBSREND (0)	END OF SINGLE REC FILE FDB
12	(C)	X'C'	0	FDBSRFL	"FDBSREND-FDBSTART" LENGTH OF AN SRF FDB
12	(C)	SIGNED	2	FDBFREND (0)	END OF FDB FROZEN SECTION

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

					WARNING
					THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT
					BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON
					SOME JES3 MODULES.

					END OF SINGLE RECORD FILE FDB

					THE FOLLOWING FIELDS ARE FOR MULTI-RECORD FILE FDBS
					(EXISTS IF THE FLAG FDBMULT IS ON IN FDBFLAGS)

				End of Comment	
12	(C)	BITSTRING	1	FDBFLAG1	- FLAGS FOR MULTIPLE RECORD FILES.
				Comment	

					DEFINITION OF FDBFLAG1: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBOCLSE	"X'80'" - CLOSE OF FILE INITIATED.
		.1..		FDBFDATA	"X'40'" - FIRST DATA BUFFER FLAG.
		..1.		FDBDATCH	"X'20'" - DATA BUFFER CHAIN FLAG.
		...1		FDBSPLIT	"X'10'" - DATA IS SPLIT BETWEEN TWO BUFFERS.
		.... 1...		FDBEND	"X'08'" - FILE IS BEING OPENED AT ITS END.
		.... .1..		FDBPOINT	"X'04'" - POINT IS IN PROGRESS.
		.... ..1.		FDBDEBS	"X'02'" - DEBLOCKS BIT.
		1		FDBPNTIN	"X'01'" - APOINT HAS TYPE=IN AS PARAMETER.
13	(D)	BITSTRING	1	FDBFLAG2	- FLAGS FOR MULTIPLE RECORD FILES.
				Comment	

					DEFINITION OF FDBFLAG2: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBLSTIO	"X'80'" - SET LAST I/O REQUEST STARTED.
		.1..		FDBALLIO	"X'40'" - SET WHEN LAST DATA BUFFER WRITTEN.
		..1.		FDBLOCAT	"X'20'" - SET WHEN AN ALOCATE IS DONE.
		...1		FDBNDATA	"X'10'" ON = NO DATA IN FILE
		.... 1...		FDBODEOD	"X'08'" RECOVER FROM NO EOD ON OPEND
		.... .1..		FDBSKIP	"X'04'" SKIP RECORD IF READ I/O ERROR
		.... ..1.		FDBMAC	"X'02'" MACHINE CARRIAGE CONTROL
		1		FDBASA	"X'01'" ASA CARRIAGE CONTROL FOR DS
14	(E)	BITSTRING	1	FDBFLAG3	- FLAGS FOR MULTI-RECORD FILES
				Comment	

					DEFINITION OF FDBFLAG3: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBOPTCD	"X'80'" - OPTCD = J SPECIFIED
		.1..		FDBIOCNG	"X'40'" - I/O COUNT ERROR DETECTED
15	(F)	BITSTRING	1	FDBFLGR4	- RESERVED FOR SERVICE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	1	FDBIOCNT	- NUMBER OF I/O REQUESTS OUTSTANDING.
17	(11)	BITSTRING	1	FDBERCNT	- NUMBER OF I/O ERRORS NOT CORRECTED.
18	(12)	SIGNED	2	FDBRL	- ROOM LEFT IN DATA BUFFER.
20	(14)	SIGNED	4	FDBBPTR	- CURRENT BUFFER POINTER.
24	(18)	BITSTRING	6	FDBOPEND (0)	- SPOOL ADR OF LAST DATA BUFFER
24	(18)	BITSTRING	2	FDBMODN2	- MOD NO OF LAST SPOOL EXTENT
26	(1A)	BITSTRING	4	FDBRECN2	- REC NO OF LAST SPOOL DATA
30	(1E)	SIGNED	2	FDBRSFLD	RESERVED FOR DEVELOPMENT

Comment

END OF MULTI-RECORD FILE FDB

End of Comment

32	(20)	BITSTRING	1	FDBMREND (0)	END OF MULTI-RECORD FILE FDB
32	(20)	X'20'	0	FDBMRFL	"FDBMREND-FDBSTART" LENGTH OF AN MRF FDB

Comment

JOB/DATASET TAT FDB EXTENSION
(EXISTS IF THE FLAG FDBJBTAT IS ON IN FDBFLAG0)

End of Comment

12	(C)	SIGNED	4	FDBJBTEX (0)	START OF TAT FDB EXTENSION

Comment

RETURN PARAMETERS FROM TRACK GROUP ALLOCATION

End of Comment

12	(C)	SIGNED	2	FDBRECCT	- NUMBER OF AVAILABLE RECORDS
14	(E)	BITSTRING	6	FDBJTSPA (0)	- AVAILABLE RECORD ADDRESS
14	(E)	BITSTRING	2	FDBJTSPM	- MODULE NUMBER
16	(10)	BITSTRING	4	FDBJTSPR	- RECORD NUMBER

Comment

End of Comment

20	(14)	SIGNED	4	FDBVALID	- VALIDATION FIELD FOR FILE
24	(18)	SIGNED	2	FDBSPNDX	- JOB'S SPOOL PARTITION INDEX
26	(1A)	BITSTRING	1	FDBJTFLG	- JOB/DATASET TAT STATUS FLAGS

Comment

DEFINITION OF FDBJTFLG: JOB/DATASET TAT STATUS FLAGS

End of Comment

1...	....	FDBJTBIT	"X'80'" - TRACK ALLOCATION SUSPENDED
.1..	....	FDBDSTAT	"X'40'" - DATA SET TAT
..1.	....	FDBJIOER	"X'20'" - IOERR POST REQUIRED
...1	....	FDBRRERQ	"X'10'" - JSAM POST REQUIRED (RRE ALLOC)
....	1...	FDBJTOFL	"X'08'" - JSAM POST REQUIRED (JBT OVFLW)
....	.1..	FDBRABDU	"X'04'" - FDB IN USE FOR RAB DESTROY
....	..1.	FDBJTERR	"X'02'" - RAB REFRESH ERROR

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
27	(1B)	BITSTRING	1	FDBJTRSV	- RESERVED FOR DEVELOPMENT

Comment

```
-----------------------------------------------------------
        END OF THE TAT FDB EXTENSION
-----------------------------------------------------------
```

End of Comment

28	(1C)	BITSTRING	1	FDBJTEND (0)	END OF THE JBT FDB EXTENSION
28	(1C)	X'10'	0	FDBJBTXL	"FDBJTEND-FDBJBTEX" LENGTH OF JBT FDB EXTENSION
28	(1C)	X'1C'	0	FDBJBTL	"FDBSRFL+FDBJBTXL" LENGTH OF A TAT FDB

Comment

```
     IATYREG REGISTER EQUIVALENTS 0
          REGISTER EQUIVALENTS
01 Change Activity:
  $RC= SP110 HJS6601 950410 PD0VW: SP1.1.0 SHOWHDR RUN
-----------------------------------------------------------
     GENERAL PURPOSE REGISTERS
-----------------------------------------------------------
```

End of Comment

28	(1C)	X'0'	0	R0	"0"
28	(1C)	X'1'	0	R1	"1"
28	(1C)	X'2'	0	R2	"2"
28	(1C)	X'3'	0	R3	"3"
28	(1C)	X'4'	0	R4	"4"
28	(1C)	X'5'	0	R5	"5"
28	(1C)	X'6'	0	R6	"6"
28	(1C)	X'7'	0	R7	"7"
28	(1C)	X'8'	0	R8	"8"
28	(1C)	X'9'	0	R9	"9"
28	(1C)	X'A'	0	R10	"10"
28	(1C)	X'B'	0	R11	"11"
28	(1C)	X'C'	0	R12	"12"
28	(1C)	X'D'	0	R13	"13"
28	(1C)	X'E'	0	R14	"14"
28	(1C)	X'F'	0	R15	"15"

Comment

```
-----------------------------------------------------------
     ACCESS REGISTERS
-----------------------------------------------------------
```

End of Comment

28	(1C)	X'0'	0	AR0	"0"
28	(1C)	X'1'	0	AR1	"1"
28	(1C)	X'2'	0	AR2	"2"
28	(1C)	X'3'	0	AR3	"3"
28	(1C)	X'4'	0	AR4	"4"
28	(1C)	X'5'	0	AR5	"5"
28	(1C)	X'6'	0	AR6	"6"
28	(1C)	X'7'	0	AR7	"7"
28	(1C)	X'8'	0	AR8	"8"
28	(1C)	X'9'	0	AR9	"9"
28	(1C)	X'A'	0	AR10	"10"
28	(1C)	X'B'	0	AR11	"11"
28	(1C)	X'C'	0	AR12	"12"
28	(1C)	X'D'	0	AR13	"13"
28	(1C)	X'E'	0	AR14	"14"
28	(1C)	X'F'	0	AR15	"15"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATGRVT	
0	(0)	X'0'	0	TVTABLE	"IATGRVT" 0041

Comment

WARNING
THE OFFSETS FOR THE FIELDS DEFINED BETWEEN TVTABLE AND TVTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.

End of Comment

Comment

JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
$RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0

End of Comment

0	(0)	CHARACTER	8	TVTID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	ADDRESS	2	TVTLNGTH	TVTABLE length 0041
40	(28)	SIGNED	4	TVTINDAT (2)	IATINIT DATE JES3 STARTED - 0CYYDDDF
40	(28)	X'2C'	0	TVTINTIM	"TVTINDAT+4" IATINIT TIME JES3 STARTED - HHMMSSTH

Comment

LOCATED
SYMBOL OP ENTRY IN COMMENT
MODULE

End of Comment

48	(30)	ADDRESS	4	FCTTOP	"V(FCTTOP)" IATGRPT FIRST FCT ENTRY
52	(34)	ADDRESS	4	AINTDATA	SET BY IATINIT POINTER TO INISH DATA CSECT
56	(38)	ADDRESS	4	ASPECB	IATINIO ADDR OF JES3 MASTER ECB
60	(3C)	ADDRESS	4	AWAITEP	"V(AWAITX)" IATGRCT MFM AWAIT PROCESSING
64	(40)	ADDRESS	4	ASAVE	"V(ASAVEYES)" IATGRSV ASAVE PROCESSING
68	(44)	ADDRESS	4	ARETNAD	"V(ASARETRN)" IATGRSV ARETURN ENTRY POINT
72	(48)	ADDRESS	4	JESTAE	SET BY IATABMN JESTAE
76	(4C)	ADDRESS	4	FAILDSP	SET BY IATABMN FAIL A DSP
80	(50)	ADDRESS	4	TVTXBPL	"V(IATXBPL)" IATGRQC BUILD CELL POOL ROUTINE
84	(54)	ADDRESS	4	TVTXGCL	"V(IATXGCL)" IATGRQC GET CELL POOL ROUTINE
88	(58)	ADDRESS	4	TVTXRCL	"V(IATXRCL)" IATGRQC RELEASE CELL POOL ROUTINE
92	(5C)	ADDRESS	4	TVTXDPL	"V(IATXDPL)" IATGRQC DELETE CELL POOL ROUTINE
96	(60)	ADDRESS	4	TVTXCNDB	"V(IATCNDB)" IATCNDB PROCESS CNDB CONTROL BLOCKS
100	(64)	ADDRESS	4	TVTFTVT	"V(IATGRVTX)" IATGRVTX TVT FIXED EXTENSION
104	(68)	ADDRESS	4	TVTCTVT	"V(IATGRVTC)" IATGRVTC TVT CHECKPOINTED EXTENSION
108	(6C)	BITSTRING	4	TVTHOBOF	USED TO TURN OFF HIGH ORD BIT
112	(70)	SIGNED	4	TVTRD005	Reserved for development
116	(74)	ADDRESS	4	TVTCSF	"V(GRGSNTRY)" IATGRGS CALL SUBTASK FUNCTION RTN
120	(78)	ADDRESS	4	ANJECNSQ	- PTR TO NJE CONSOLE QUEUES
124	(7C)	ADDRESS	4	TVTGROCO	"V(IATGROCO)" IATGROCO INVOKE NON-SOURCE ROUTINES 0059
128	(80)	ADDRESS	4	TVTCNMLW	"V(CNRNMLWO)" IATCNRN IATXMLWO SERVICE ROUTINE
132	(84)	ADDRESS	4	AGETMAIN	"V(GETMAINX)" IATGRGM GETMAIN
136	(88)	ADDRESS	4	APUTMAIN	"V(PUTMAINX)" IATGRGM FREEMAIN
140	(8C)	ADDRESS	4	ATIME	"V(TMATIME)" IATGRTM TIMER SERVICES
144	(90)	ADDRESS	4	MESSAGE	"V(IATCNWO)" IATCNWO MESSAGE FROM DSP

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
148	(94)	ADDRESS	4	TVTSSVT	SET BY IATINIT ADDR SSVT
152	(98)	ADDRESS	4	ACONSBCB	SET BY IATINC2 CONSOLE BUFFER CONTROL BLOCK
156	(9C)	BITSTRING	1	JESPOOL	USED BY AGETPUTM FOR DEFAULT SUBPOOL
157	(9D)	BITSTRING	1	ACONTIME	CONSOLES INITIALIZATION FLAG
		1...		INITCMP	"X'80'" INITIALIZATION IS COMPLETE
		.1..		INCNCMP	"X'40'" IATINC2 COMPLETE
		..1.		ACONRS20	"X'20'" Reserved flag
		...1		ACONRS10	"X'10'" Reserved flag
		.... 1...		RJPCPOST	"X'08'" JESXCF posting RJPCONS
		.... .1..		RJPCTIME	"X'04'" Timer pop posting RJPCONS
158	(9E)	BITSTRING	1	TVTRDFR1	RESERVED FOR DEVELOPMENT 0012
159	(9F)	BITSTRING	1	TVRSTFLG	JES3 Start flag 0012
		1...		COLDSTRT	"X'80'" JES3 is cold starting 0012
		.1..		WARMSTRT	"X'40'" JES3 is warm starting 0012
		..1.		HOTSTRT	"X'20'" This address space is hot 0012 starting (JES3) or is an 0012 FSS 0012
		...1		ANALYZE	"X'10'" Queue analysis required 0012
		.... 1...		DSIACTV	"X'08'" DSI active 0012
		.... .1..		CPUIPL	"X'04'" This CPU was IPLed before 0012 JES3 was started 0012
		.... ..1.		TVTREFRS	"X'02'" A refresh is being done 0012 Valid only when HOTSTRT 0012 is also on (i.e. a hot 0012 start with refresh is 0012 being performed). 0012 0012
		1		TVTSPREP	"X'01'" WR or WAR type restart 0012
160	(A0)	ADDRESS	4	RJPTAB	SET BY IATINR2 RESIDENT RJP TABLE
164	(A4)	ADDRESS	4	SRJPRTRM	SET BY IATINWS FIRST SNA WORKSTAT ENTRY
168	(A8)	ADDRESS	4	RJPRTERM	SET BY IATINR2 1ST TERM ENTRY IN RESTABL 0012
172	(AC)	SIGNED	4	TVTRDFR2	RESERVED FOR DEVELOPMENT

Comment

```
-----------------------------------------------------------
The following 3 fields (TVTENWRK, TVTENCTL, TVTENFRW)
must be contiguous since CDS logic is used to serialize
access to the queue of IATOSENF subtask work areas.
-----------------------------------------------------------
```

End of Comment

176	(B0)	DBL WORD	8	TVTENWRK (0)	Queue of available work areas for IATOSENF subtask
176	(B0)	SIGNED	4	TVTENCTL	Queue control word
180	(B4)	ADDRESS	4	TVTENFRW	Address of 1st free element
184	(B8)	SIGNED	4	TVTRS00F (6)	RESERVED FOR SERVICE
208	(D0)	SIGNED	2	TVTFREND (0)	END OF TVT FROZEN SECTION

Comment

```
                    WARNING
THE OFFSETS FOR THE FIELDS DEFINED BETWEEN TVTABLE AND
TVTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE
EFFECT ON SOME JES3 MODULES.
-----------------------------------------------------------
      SYSTEM TABLE POINTERS
-----------------------------------------------------------
                 'IATGRVT(F)' = 'IATGRVT + IATGRVTF'
```

End of Comment

208	(D0)	ADDRESS	4	ADLTABLE	SET BY IATINGN DEADLINE TABLE
212	(D4)	ADDRESS	4	TVTTOKEN	SET BY IATINIT PTR TO J3/UTOKEN STRUCTURE
216	(D8)	ADDRESS	4	DSQLOC	SET BY IATINIT DESTINATION ROUTING TABLE
220	(DC)	ADDRESS	4	DSPDIC	"V(DSPDICT)" IATGRPT DSP DICTIONARY
224	(E0)	ADDRESS	4	EFTOP	ENDING FUNCTION CHAIN
228	(E4)	ADDRESS	4	FCTACTIV	SET BY IATGRCT ACTIVE FCT 1
232	(E8)	ADDRESS	4	JNCBTOP	DJC JNCB CHAIN 4
236	(EC)	ADDRESS	4	JSSFCT	"V(JSSFCT)" IATGRPT IATGRJS FCT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
240	(F0)	ADDRESS	4	MAINACT	SET BY IATINM3 ACTIVE MAIN PROC TABLE
244	(F4)	ADDRESS	4	MAINDATA	SET BY IATINM2 MAIN PROCESSOR CONTROL TABLE
248	(F8)	ADDRESS	4	MCLASS	SET BY IATINM2 JOB CLASS TABLE
252	(FC)	ADDRESS	4	MDSPARM	SET BY IATINMD MDS CONTROL TABLE
256	(100)	ADDRESS	4	DYNDYNP	SET BY IATINMD PTR TO DYN DATA
260	(104)	ADDRESS	4	MGROUP	SET BY IATINM2 JOB CLASS GROUP TABLE
264	(108)	ADDRESS	4	MLBCB	IATINM2 ADDR OF MAIN LOAD BALANCE CB
268	(10C)	ADDRESS	4	TVTRDQTP	READY QUEUE ANCHOR
268	(10C)	X'10C'	0	TVTRDQEF	"TVTRDQTP,1" READY QUEUE FCT ECF
		1...		TVTRDQPT	"X'80'" FCT ADDED TO READY QUEUE
272	(110)	ADDRESS	4	PAFCTBTM	SET BY IATINRB LAST AVAILABLE PREALLOCATED FCT ENTRY
276	(114)	ADDRESS	4	PAFCTTOP	SET BY IATINRB FIRST AVAILABLE PREALLOCATED FCT ENTRY
280	(118)	ADDRESS	4	TVTRQCAD	SET BY IATINRB RESQUEUE CONTROL AREA 1
284	(11C)	ADDRESS	4	TVTSDA	Statistics Data Area
288	(120)	ADDRESS	4	PRTAB	SET BY IATINDEV 1ST PRINTER ENTRY IN SUPUNITS
292	(124)	ADDRESS	4	PUNTAB	SET BY IATINDEV 1ST PUNCH ENTRY IN SUPUNITS
296	(128)	ADDRESS	4	RESTABLE	"V(RESTABLX)" IATGRRQ RESOURCE MGMT TABLE
300	(12C)	ADDRESS	4	TVTCALNT	"V(ASACALNT)" ACALL (no trace) entry point
304	(130)	ADDRESS	4	TVTRETNT	"V(ASARETNT)" ARETURN (no trace) entry point
308	(134)	ADDRESS	4	SRJPSRT	SET BY IATINWS RESIDENT SNA RJP TABLE
312	(138)	ADDRESS	4		Reserved for developmemt
316	(13C)	ADDRESS	4	TVTLLPRT	SET BY IATINDEV LAST LOCAL PRINTER (PRTAB)
320	(140)	ADDRESS	4	TVTRD010	RESERVED FOR DEVELOPMENT
324	(144)	ADDRESS	4	TVTRS010	RESERVED FOR SERVICE

Comment

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          TVT DOUBLE WORD FIELDS
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End of Comment

328	(148)	DBL WORD	8	TVTSVHDR (0)	IATGRSV DOES A CDS ON TVTSVLST
328	(148)	ADDRESS	4	TVTSVLST	IATGRSV SAVEAREA FREE POOL LIST
332	(14C)	ADDRESS	4	TVTSVCNT	IATGRSV CNTL CNT FOR CDS SERIALIZATION
336	(150)	DBL WORD	8	TVTWORKD	DOUBLE WORD WORK AREA
336	(150)	X'154'	0	TVTWORKS	"TVTWORKD+4,4" SINGLE WORD WORK AREA 1
344	(158)	DBL WORD	8	TVTTELS (0)	POINTERS TO TEL CHAIN 0446
344	(158)	SIGNED	4	TVTTELTP	FIRST TEL ON TEL CHAIN 0446
348	(15C)	SIGNED	4	TVTTELEN	LAST TEL ON TEL CHAIN 0446
352	(160)	DBL WORD	8	SRJPSTQ (0)	SNA RJP STORAGE QUEUE

Comment

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  THE SNA RJP STORAGE QUEUE MUST USE COMPARE DOUBLE AND
  SWAP (CDS) TO INCREMENT THE COUNT AND CHANGE THE QUEUE
  ANCHOR WITH THE SAME INSTRUCTION
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End of Comment

352	(160)	SIGNED	4	SRJPSCTR	STORAGE COUNTER
356	(164)	SIGNED	4	SRJPSQAN	STORAGE QUEUE ANCHOR
360	(168)	SIGNED	4	SRJPCSFL	COMPARE AND SWAP WORD
360	(168)	X'168'	0	SRJPECF	"SRJPCSFL" ECF TO CONTROL SNARJP DSP

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					FIRST BYTE OF SRJPCSFL ---------- DEFINITION OF SRJPECF ----------
					End of Comment
		1...		SRJPRJS	"X'80'" RETURN TO JSS FLAG
		.1..		SRJPBCB	"X'40'" BUILD CONTROL BLOCK FLAG
		..1.		SRJPRCB	"X'20'" REMOVE CONTROL BLOCKS FLAG
		...1		SRJPPOP	"X'10'" PROCESS OPER. COMMANDS FLAG
		.... 1...		SRJPWKQ	"X'08'" PROCESS WORK QUEUES FLAG
					Comment
					1. INTERCOM COMMANDS FROM WORKSTATION CONSOLES 2. SEND MESSAGES TO OPERATOR 3. CALL IATCNRM TO SEND MSGS TO WS CONSOLES 4. INTERCOM START READER COMMANDS 5. TERMINATE SESSIONS (ISSUE CLSDST) 6. ISSUE WSOPEN FOR OUTBOUND CONSOLE 7. INTERCOM COMMANDS FROM DATA FLOW CONTROL
					End of Comment
		.... .1..		SRJPRSVS	"X'04'" Reserved for service
		.... ..1.		SRJPISEC	"X'02'" PROCESS SECURITY REQUEST #403
360	(168)	X'16B'	0	SRJPFLG	"SRJPCSFL+3" SNA RJP FLAGS
360	(168)	X'16B'	0	SRJPACT	"SRJPFLG" SNA RJP ACTIVE FLAG
		1...		SRJPACTM	"X'80'" SNA RJP ACTIVE MASK
364	(16C)	SIGNED	4	TVTRD030	RESERVED FOR DEVELOPMENT
368	(170)	ADDRESS	4	TVTBALST	POINTER TO LAST BALJ
372	(174)	ADDRESS	4	RQBTM	LAST RESQUEUE ENTRY
376	(178)	ADDRESS	4	RQDTOP	ORIGIN OF DEMAND SEL Q
380	(17C)	ADDRESS	4	RQTOP	FIRST RESQUEUE ENTRY
384	(180)	ADDRESS	4	SCTAB	SET BY IATINGN SYSOUT CLASS TABLE
388	(184)	ADDRESS	4	SETNAMES	SET BY IATINMD SETNAMES TABLE
392	(188)	ADDRESS	4	SUPUNITS	SET BY IATINDEV SUPPORT UNITS TABLE
396	(18C)	ADDRESS	4	SYSTAB	SET BY IATINDEV 1ST SYS ENTRY IN SUPUNITS
400	(190)	ADDRESS	4	SYSUNITS	SET BY IATGRSYS SYSTEM UNITS TABLE
404	(194)	ADDRESS	4	TVTMDSRD	SET BY IATINMD MDSSRS DATA AREA ADDRESS
408	(198)	ADDRESS	4	TVTLDAAD	SET BY IATINLC LOCATE DATA AREA ADDRESS
412	(19C)	ADDRESS	4	TVTBALJ	IATINIO JES3 BUFFER ALLOC BLK
416	(1A0)	ADDRESS	4	TVTDATQ	QUEUE OF IATYDATS FOR DISKS
416	(1A0)	X'1A0'	0	TVTDMCQ	"TVTDATQ" QUEUE OF IATYDMCS FOR DISKS
					Comment
					---------- TVTBALJ, TVTDATQ AND TVTDMCQ WILL BE USED IN THE FSS ADDRESS SPACE AS WELL AS THE JES3 GLOBAL ADDRESS SPACE. ADDRESSES WILL DIFFER BETWEEN THE FSS AND JES3 GLOBAL ADDRESS SPACES. ----------
					End of Comment
420	(1A4)	ADDRESS	4	TVTDFCB	DFCB CHAIN TOP
424	(1A8)	ADDRESS	4	TVTFSS	SET BY IATINFS ADDR OF FIRST FSS TABLE
428	(1AC)	SIGNED	4	TVTIDAAD	IATINI1 INTERPRETER DATA AREA ADDR.
432	(1B0)	ADDRESS	4	TVTJQX	"V(JQXSTART)" IATGRJX ADDR JQX
436	(1B4)	ADDRESS	4	TVTSQE	ADDR OF STORAGE Q
440	(1B8)	ADDRESS	4	TVTMEMD	ADDR OF JES3 MEMDATA
444	(1BC)	ADDRESS	4	TVTRTAB	"V(TRANSTAB)" IATGRVT(F) SYSTEM TRANSLATE TABLE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
448	(1C0)	ADDRESS	4	TVTSMFCH	IATOSDR SMF WRITE CHAIN START 4
452	(1C4)	ADDRESS	4	TVTSPPCH	IATOSDR SETPRT REQUEST QUEUE
456	(1C8)	ADDRESS	4	TVTUXL	"V(IATYUXL)" IATGRPT USER EXIT LIST TABLE
460	(1CC)	ADDRESS	4	TVTYOSD	"V(OSDSTART)" IATOSDR OUTSERV DATA SET DEFAULTS
464	(1D0)	ADDRESS	4	WTDQUE	WTD CONTROL BLOCK
468	(1D4)	SIGNED	4	TVTIFCAD	IATINFC C/I FSS DATA AREA ADDR.
472	(1D8)	SIGNED	4	TVTRS040 (3)	RESERVED FOR SERVICE
484	(1E4)	ADDRESS	4	FCTLAST	SET BY IATGRCT LAST FCT ENTRY
488	(1E8)	SIGNED	4	NCKLOCK	THIS WORD CONTAINS THE FCT ADDRESS THAT CURRENTLY HOLDS THE NCK LOCK - X'80' AT LABEL NCKADD
492	(1EC)	ADDRESS	4	TVTFSLG	SET BY IATINIT LOGOUT MODULE
496	(1F0)	ADDRESS	4	TVTFSRC	SET BY IATINIT TERMINATE FAILING FCT
500	(1F4)	ADDRESS	4	TVTTAWK	PTR TO TRACK ALLOC DSP RREPOOL
504	(1F8)	BITSTRING	1	TVTTAECF	TRACK ALLOC DSP ECF

Comment

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-------------------------------------------------------------
     DEFINITION OF TVTAECF
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End of Comment

		1...		DMTAREQ	"X'80'" REQUESTS FROM GLOBAL
		.1..		DMTARPLY	"X'40'" REPLIES FROM GLOBAL

Comment

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-------------------------------------------------------------
     Fields used by macro IATXSUSP
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End of Comment

505	(1F9)	BITSTRING	1	TVTSUSPE	ECF used by IATXSUSP
506	(1FA)	BITSTRING	1	TVTSUSPM	IATXSUSP post mask; the mask value flip-flops between x'80' and x'40'
507	(1FB)	BITSTRING	1	TVTRD040	Reserved for development
508	(1FC)	SIGNED	4	TVT3100D	DOM ID FOR MSG IAT3100
512	(200)	ADDRESS	4	TVTJADAD	USAM JDS ACCESS INTERFACE DATA AREA (JAD) ANCHOR
516	(204)	ADDRESS	4	TVTPDAAD	PROCESS SYSOUT (PSO) DATA AREA (PDA) ANCHOR
520	(208)	ADDRESS	4	TVTSDEAD	SYSOUT Application Program Interface (SAPI) DSP Entry address
524	(20C)	ADDRESS	4	TVTSOSRQ	Sysout Application Program Interface (SAPI) Output Service Restart Q (OSR)
528	(210)	ADDRESS	4	TVTOSRTQ	OUTPUT SERVICE RESTART QUE for FSS writers
532	(214)	ADDRESS	4	TVTRU050 (4)	AVAILABLE TO USER 4
548	(224)	BITSTRING	1	TVTJNCBF	DJC FLAGS

Comment

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-------------------------------------------------------------
     DEFINITION OF TVTJNCBF
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End of Comment

		.1..		DJCPOST	"X'40'" DJC POSTED
		...1		DJCACTIV	"X'10'" IATDCUP IS ACTIVE
		.... ..1.		JNCBPOST	"X'02'" JNCB POSTED
549	(225)	BITSTRING	1	TVTSMFFL	SMF FLAGS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

		DEFINITION OF TVTSMFFL			

				End of Comment	
		1...		SMFPOST	"X'80'" SMF REC TO BE WRITTEN
		.... ..1.		SMFRCUR	"X'02'" SMF RECURSION BIT
		1		SMFDYFCT	"X'01'" DYNAM FCT HAS BEEN BUILT
550	(226)	BITSTRING	1	TVTSPPFL	SETPRT COUNT
551	(227)	BITSTRING	1	TVTWTDEC	ECF TO POST WTD PROCESSING
				Comment	

		Work To Do Driver post flags.			

				End of Comment	
		1...		TVTWTDPS	"X'80'" WTD Post (IATGRWD)
		.1..		TVTINPPS	"X'40'" Input cmd Post (IATGRWD)
		..1.		TVTWTD20	"X'20'" Reserved
		...1		TVTWTD10	"X'10'" Reserved
		.... 1...		TVTWTD08	"X'08'" Reserved
		.... .1..		TVTWTD04	"X'04'" Reserved
		.... ..1.		TVTWTD02	"X'02'" Reserved
		1		TVTWTD01	"X'01'" Reserved
552	(228)	BITSTRING	1	AWAIT	IATGRVT(F) AWAIT CONDITION CODE
553	(229)	BITSTRING	1	AWAITL	IATGRVT(F) AWAIT-LIST CONDITION CODE
554	(22A)	BITSTRING	1	AWAITOFF	IATGRVT(F) AWAITOFF CONDITION CODE
555	(22B)	BITSTRING	1	AWAITOFL	IATGRVT(F) AWAITOFF-LIST COND CODE
556	(22C)	BITSTRING	1	JESKEY	IATGRVT(F) JES3 STORAGE PROTECT KEY
557	(22D)	BITSTRING	1	IOERRECF	ERROR RECOVERY POST FLAGS
				Comment	

		DEFINITION OF IOERRECF			

				End of Comment	
		1...		IOEERROR	"X'80'" SPOOL I/O ERROR OCCURRED
		.1..		IOENORML	"X'40'" I/O TERMINATED NORMALLY
		..1.		IOETIMED	"X'20'" MISSING I/O COMPLETION POST
558	(22E)	BITSTRING	1	TVTJNECF	ECF FOR AJOBNUM BUSY
				Comment	

		DEFINITION OF TVTJNECF			

				End of Comment	
		1...		TVTJNMSK	"X'80'" AJOBNUM AVAILABLE ECF MASK
		.1..		TVTJNTHL	"X'40'" AJOBNUM below threshold
559	(22F)	BITSTRING	1	TVTJNWID	JES NEWS DATA SET ID
560	(230)	BITSTRING	1	TVDSIECF	ECF BYTE FOR DSI

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

					DEFINITION OF TVDSIECF

				End of Comment	
		1...		TVTSDSI	"X'80'" *S DSI RECEIVED
		.1..		TVTCDSI	"X'40'" *C DSI RECEIVED
561	(231)	BITSTRING	1	RJPSNPFL	RJP SNAP FUNCTION FLAGS BIT EQUATES ARE IN IATRJSN
562	(232)	BITSTRING	1	TVTRS060 (2)	RESERVED FOR SERVICE
				Comment	

					ROUTINE ENTRY POINTS
					SECTION 1 - NON-COUNTABLE ENTRY POINTS
					(FROM ASAVE TO TVTEPS)
					SECTION 2 - COUNTABLE ENTRY POINTS
					(USING X IC - IATUTIC)
					(FROM ABACKR TO TVTEPE)

				End of Comment	
564	(234)	SIGNED	4	TVTEPST (0)	START OF NON-COUNTABLE ENTRY POINTS
564	(234)	ADDRESS	4	TVTWROSE	"V(WRITEOSE)" IATOSOR WRITEOSE ROUTINE ADDRESS 1
568	(238)	ADDRESS	4	TVTSAFCL	"V(IATPUSC)" IATPUSC PURGE SYSIN/SYSOUT SAF CALL 1
572	(23C)	ADDRESS	4	IATXSIO	IATDMDK
572	(23C)	X'23C'	0	TVTDMDK	"IATXSIO" IATDMDK
576	(240)	ADDRESS	4	TVTERRQ	IATDMIT CHAIN OF ISR'S WITH IO ERRS
580	(244)	ADDRESS	4	TVTERRWK	IATDMER PTR TO DMER'S IO ERR WORKAREA
584	(248)	ADDRESS	4	TVTSTTBL	"V(STTBUILD)" IATDMST STT BUILD ROUTINE
588	(24C)	ADDRESS	4	TVTSTTAL	"V(STTALLOC)" IATDMST STT RECORD ALLOC
592	(250)	ADDRESS	4	TVTSTTPG	"V(STTPURGE)" IATDMST STT RECORD PURGE
596	(254)	ADDRESS	4	TVTSTTBD	"V(STTBAD)" IATDMST STT BADTRACK ROUTINE
600	(258)	ADDRESS	4	TVTSTTSR	"V(STTSRCH)" IATDMST STT SEARCH ROUTINE
604	(25C)	ADDRESS	4	DSPIG	"V(PIG)" IATIQPG PART/INQ TGPS ROUTINE
608	(260)	ADDRESS	4	TVTTGBUP	"V(TGBUPDAT)" IATDMTK BYPASS TABLE UPDATE
612	(264)	ADDRESS	4	TVTPBITL	"V(BITLOC)" IATDMTK X.G TO PTAT BIT CONVERSION
616	(268)	ADDRESS	4	TVTPTATS	"V(TATSTAT)" IATDMTK PTAT STATUS UPDATE RTN
620	(26C)	ADDRESS	4	TVTJBTS	"V(JOBTATS)" IATDMTK JOB, DS TAT SEARCH RTN
624	(270)	ADDRESS	4	JDSBENRY	"V(JDSSCAN)" IATGRJA CI SUBTSK JDS ACCESS EP
628	(274)	ADDRESS	4	IATXJDS	"V(IATXJDSX)" IATGRJA ADDRESS OF JDS ACCESS RTNS
632	(278)	ADDRESS	4	IATXJET	"V(IATXJETX)" IATGRJA Address of JET initialization routine
636	(27C)	ADDRESS	4	IATXCSS	"V(IATDMCS)" IATDMCS ADDRESS OF SRF SERVICES
640	(280)	ADDRESS	4	TVTSLOTL	"V(SLOTLOC)" IATDMTK Address of VALID array slot location routine
644	(284)	ADDRESS	4	TVTRJPDI	"V(RJPDINFO)" IATOSGR Access RJP device info 0012 0012
648	(288)	ADDRESS	4	IATXTRC	IATINGL JES3 TRACE IN CSA, ALSO FSS TRACE IN FSS PRIVATE
652	(28C)	ADDRESS	4	TVTXCKPT	IATGRCK IATXCKPT ENTRY POINT
656	(290)	ADDRESS	4	JOBNALOC	"V(JNUMALOC)" IATGRJN ALLOCATE A SPECIFIC JOBNO.
660	(294)	ADDRESS	4	JOBNRTN	"V(JOBNMBER)" IATGRJN ALLOCATE NEXT AVAIL JOBNO.
664	(298)	ADDRESS	4	JOBNSET	"V(JNUMSET)" IATGRJN SET NUMBER FOR JOBNO. SCAN 1
668	(29C)	ADDRESS	4	JSSRETRN	"V(JSSRTN)" IATGRJR DSP RETURN POINT TO IATGRJR
672	(2A0)	ADDRESS	4	TVTRD072	RESERVED FOR DEVELOPMENT #0034 1
676	(2A4)	ADDRESS	4	TVABNGET	IATABN0 VIRT ADDR VALID'N RTN
680	(2A8)	ADDRESS	4	TVTABMN	SET BY IATABMN ADDR OF MODULE IATABMN
684	(2AC)	ADDRESS	4	TVTSTAD	SET BY IATABMN ABEND SERIALIZATION SERVICE 1
688	(2B0)	ADDRESS	4	TVTJ3PST	IATINIO POSTJES3 RTN IN CSA
692	(2B4)	ADDRESS	4	TVTVPTH	"V(AVAILPTH)" IATGRCT CALL MVS PATH VALIDATION
696	(2B8)	ADDRESS	4	TVTVIOPM	IATINIT MVS PATH VALIDATION RTN IOSVIOPM

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
700	(2BC)	ADDRESS	4	TVTLPJ3	"V(IATGRLPJ)" IATGRG1 LOCAL POST JES3 ROUTINE
704	(2C0)	ADDRESS	4	TVTSTMD	"V(IATGRSM)" IATGRCT IATXSTMD ROUTINE
708	(2C4)	ADDRESS	4	TVTGRSM1	"V(IATGRSM1)" IATGRCT IATXSTMD SPECIAL ENTRY PT
712	(2C8)	ADDRESS	4	TVTXATDE	"V(IATGRATD)" IATGRG1 ATTACH/DETACH ATDE ROUTINE
716	(2CC)	ADDRESS	4	TVTXJLOK	"V(IATGRLCK)" IATGRG1 OBTAIN/RELEASE LOCK ROUTINE 1
720	(2D0)	ADDRESS	4	TVTMSMI	IATMSMI ENTRY PT SET BY MSDR 1
724	(2D4)	ADDRESS	4	TVTOSDIE	SET BY IATINIO OUTPUT SERVICE DIE RTN ADR 1
728	(2D8)	ADDRESS	4	IATXOSPM	"V(IATOSWPX)" IATOSWP OUTSERV PIPELINE MANAGER
732	(2DC)	ADDRESS	4	TVTOSFP	IATOSFP FSS WRITER PENDING DATASET QUEUE MANAGER 1
736	(2E0)	ADDRESS	4	TVTDSPIQ	"V(INQOSFCT)" IATIQOI OUTPUT SERVICE INQUIRY IMPLEMENTATION
740	(2E4)	ADDRESS	4	TVTDSPMO	"V(MODOSFCT)" IATMOOI OUTPUT SERVICE MODIFY IMPLEMENTATION
744	(2E8)	ADDRESS	4	TVTRD440	RESERVED FOR DEVELOPMENT 1
748	(2EC)	ADDRESS	4	SRJPSNLK	SET BY IATSNLD SNARJP LCB USE COUNT MANAGER

Comment

THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNLK

End of Comment

		....		SNLKINC	"X'00000000',4" SNARJP - INCREMENT USE COUNT
		.... .1..		SNLKDEC	"X'00000004',4" SNARJP - DECREMENT USE COUNT
		.... 1...		SNLKINNC	"X'00000008',4" SNARJP - INC USE COUNT NO CHECK
		....		SNLKERR	"X'80000000',4" SNARJP - ERROR EXIT SPECIFIED
		....		SNLKNORM	"X'40000000',4" SNARJP - NORMAL EXIT SPECIFIED
752	(2F0)	ADDRESS	4	SRJPSNFS	SET BY IATSNLD SNARJP FAILDSP PROCESSOR
756	(2F4)	ADDRESS	4	SRJPSNST	SET BY IATSNLD SNARJP TERMINATION STATUS MANG

Comment

THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNST

End of Comment

		....		SNSTON	"X'00000000',4" SNARJP - TURN STATUS BIT ON
		.... .1..		SNSTOFF	"X'00000004',4" SNARJP - TURN STATUS BIT OFF
		.... 1...		SNSTTEST	"X'00000008',4" SNARJP - TEST STATUS BIT
		.... 11..		SNSTTNCH	"X'0000000C',4" SNARJP - TEST STATUS BIT NO CHK
		....		SNSTERR	"X'80000000',4" SNARJP - ERROR EXIT SPECIFIED
		....		SNSTNORM	"X'40000000',4" SNARJP - NORMAL EXIT SPECIFIED
		1...		SNSTQI	"X'80'" SNARJP - QUIESCE IMMEDIATE
		.1..		SNSTQ	"X'40'" SNARJP - QUIESCE
		..1.		SNSTRQ	"X'20'" SNARJP - CLSDST REQUESTED
		...1		SNSTCM	"X'10'" SNARJP - CLSDST COMPLETED
		.... 1...		SNSTFCB	"X'08'" SNARJP - CONTROL BLOCK TO BE FREED
		.... .1..		SNSTONTQ	"X'04'" SNARJP - LCB HAS BEEN ON TERMINATE QUEUE
760	(2F8)	ADDRESS	4	SRJPSNDN	SET BY IATSNLD DFC NEG RESPONSE ROUTINE
764	(2FC)	ADDRESS	4	SRJPSNDV	SET BY IATSNLD DFC RECEIVE ROUTINE
768	(300)	ADDRESS	4	SRJPNDRA	SET BY IATSNLD DFC RECEIVE ANY ROUTINE
772	(304)	ADDRESS	4	SRJPSNDT	SET BY IATSNLD DFC RESTART ROUTINE
776	(308)	ADDRESS	4	SRJPSNDG	SET BY IATSNLD DFC RUGET ROUTINE
780	(30C)	ADDRESS	4	SRJPSNDM	SET BY IATSNLD DFC STATE MANAGER ROUTINE
784	(310)	ADDRESS	4	SRJPSNDO	SET BY IATSNLD DFC WSOPEN ROUTINE
788	(314)	ADDRESS	4	SRJPSNDC	SET BY IATSNLD DFC WSCLOSE ROUTINE
792	(318)	ADDRESS	4	SRJPSNDD	SET BY IATSNLD DFC DFASY ROUTINE
796	(31C)	ADDRESS	4	AIATINIT	"V(IATINIT)" IATINIT JES3 NUCLEUS ENTRY POINT
800	(320)	ADDRESS	4	IATXCNS	"V(XCNSTART)" IATCNRN XCNS SERVICE ROUTINE
804	(324)	ADDRESS	4	CONCNJS	"V(IATCNJS)" IATCNJS CONSOLE JESTAE ROUTINE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
808	(328)	ADDRESS	4	TVTRS070	RESERVED FOR SERVICE
812	(32C)	ADDRESS	4	TVTJMF	JMF CSECT ADDRESS 431
816	(330)	ADDRESS	4	OSGRJGET	"V(OSGRJMRG)" IATXJMR TYPE=GET SERV RTN
820	(334)	ADDRESS	4	OSGRJPUT	"V(OSGRJMRP)" IATXJMR TYPE=PUT SERV RTN
824	(338)	ADDRESS	4	OSGRJREL	"V(OSGRJMRR)" IATXJMR TYPE=REL SERV RTN
828	(33C)	ADDRESS	4	TVTRD080 (4)	RESERVED FOR DEVELOPMENT
844	(34C)	ADDRESS	4	DJCFREE	"V(DJCFREEX)" IATDCNC DJC FREE STORAGE SERVICE
848	(350)	ADDRESS	4	TVTXTRCD	"V(IATXTRCD)" IATGRG1 Data space trace routine
852	(354)	ADDRESS	4	TVTRS080 (2)	Reserved for service
860	(35C)	ADDRESS	4	TVTRU080 (6)	RESERVED FOR USER
884	(374)	ADDRESS	4	TVTEPS (0)	END OF NON-COUNTABLE ENTRY POINTS

Comment

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NOTE: TVTEPS MARKS END OF SECTION 1 OF ROUTINE ENTRY POINTS
      ABACKR MARKS BEGINNING OF SECTION 2 OF ROUTINE ENTRY
      POINTS AND TVTEPE MARKS THE END OF THE WHOLE SECTION.
IATUTIC MUST BE UPDATED FOR ANY CHANGES TO THE TVT ENTRY
POINTS
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End of Comment

884	(374)	SIGNED	4	TVTEPCST (0)	START OF COUNTABLE ENTRY POINTS
884	(374)	ADDRESS	4	ABACKR	"V(BACKR0)" IATDMDT BACKSPACE RECORD 1
888	(378)	ADDRESS	4	ABENDAPG	SET BY IATGROP ABNORMAL END APPENDAGE 4
892	(37C)	ADDRESS	4	ABLOCK	"V(BLOCK)" IATDMDT I/O BLOCK
896	(380)	ADDRESS	4	ACLOSE	"V(CLOSE)" IATDMNC I/O CLOSE
900	(384)	ADDRESS	4	ACONSRMT	SET BY IATINPK REMOTE CONSOLE PROCESSING
		1...		TVTCONSR	"X'80'" HIGH ORDER BIT OF ACONSRMT 1 - RJP INDICATOR
904	(388)	ADDRESS	4	ACTLTRAP	"V(TMSTMREX)" IATGRTM ATIME STIMERM APPENDAGE
908	(38C)	ADDRESS	4	ADEBLOCK	"V(DEB)" IATDMDT I/O DEBLOCK
912	(390)	ADDRESS	4	ADELETE	"V(DELETEX)" IATGRLD MODULE DELETE
		1...		TVTDELET	"X'80'" HIGH ORDER BIT OF ADELETE 1-REFRESH REQUESTED FOR DELETE
916	(394)	ADDRESS	4	ADEQ	"V(RESMGMT)" IATGRRQ RESOURCE MANAGEMENT
916	(394)	X'394'	0	AENQ	"ADEQ" IATGRRQ RESOURCE MANAGEMENT
916	(394)	X'394'	0	ATEST	"ADEQ" IATGRRQ RESOURCE MANAGEMENT
920	(398)	ADDRESS	4	AFDADD	"V(FDADD)" IATDMNC ADD ENTRY TO FILE DIRECTORY
924	(39C)	ADDRESS	4	AFDDELET	"V(FDDELET)" IATDMNC DELETE ENTRY FROM FILE DIR.
928	(3A0)	ADDRESS	4	AFDFIND	"V(FDFIND)" IATDMNC SCAN FILE DIRECTORY
932	(3A4)	ADDRESS	4	AGETBUF	"V(GETBUF)" IATDMNC GETBUF
936	(3A8)	ADDRESS	4	TVTRD082	RESERVED FOR DEVELOPMENT
940	(3AC)	ADDRESS	4	TVTRS090	RESERVED FOR SERVICE
944	(3B0)	ADDRESS	4	ALOAD	"V(LOADX)" IATGRLD MODULE LOAD
948	(3B4)	ADDRESS	4	ALOCATE	"V(LOCATE)" IATDMDT I/O LOCATE
952	(3B8)	ADDRESS	4	ANOTE	"V(NOTE)" I/O NOTE
956	(3BC)	ADDRESS	4	AOPEN	"V(OPEN)" IATDMNC I/O OPEN
960	(3C0)	ADDRESS	4	AOPEND	"V(OPEND)" I/O OPEN AT END
964	(3C4)	ADDRESS	4	APOINT	"V(POINT)" I/O POINT
968	(3C8)	ADDRESS	4	APURGE	"V(PURGEA)" IATDMTK SPOOL SPACE PURGE
972	(3CC)	ADDRESS	4	APUTBUF	"V(PUTBUF)" IATDMNC PUTBUF
976	(3D0)	ADDRESS	4	TVTRD084	RESERVED FOR DEVELOPMENT
980	(3D4)	ADDRESS	4	ARELEASE	"V(RELEASE)" IATDMNC I/O RELEASE
984	(3D8)	ADDRESS	4	ASPABND0	SET BY IATABN0 ABEND
		1...		TVTABNOF	"X'80'" HIGH ORDER BIT OF ASPABND0 1-ABN0 DOESN'T CALL ABNO
988	(3DC)	ADDRESS	4	TVTRD086	RESERVED FOR DEVELOPMENT
992	(3E0)	ADDRESS	4	ATRACK	"V(TRACK)" IATDMTK SPOOL SPACE ALLOCATION

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
ATRACK IATDMTA FOR CI FSS					
End of Comment					
996	(3E4)	ADDRESS	4	TVTJBTXP	"V(TRKXPND2)" IATDMTK JOB TAT EXPANSION ROUTINE
1000	(3E8)	ADDRESS	4	TVTSPCK	"V(SPOOLCK)" IATGRCP CHECKPOINT SPOOL STATUS ROUTINE
1004	(3EC)	ADDRESS	4	TVTPTCKP	"V(PTATCKP)" IATGRCP PTAT CKPT ENTRY POINT
1008	(3F0)	ADDRESS	4	TVTRD090 (4)	RESERVED FOR DEVELOPMENT
1024	(400)	ADDRESS	4	AWRITE	"V(WRITE)" IATDMNC SINGLE-BUFFER WRITE
1028	(404)	ADDRESS	4	CONCNVRT	"V(CONCLASS)" IATCNRN CONVERT CONS CLASS TO DISP-MASK
1032	(408)	ADDRESS	4	CHENDAPG	SET BY IATGROP CHANNEL END APPENDAGE
1036	(40C)	ADDRESS	4	TVTRD095	RESERVED FOR DEVELOPMENT
1040	(410)	ADDRESS	4	TESTSRS	"V(SRSTEST)" IATGRGU TEST DSP DEVICE REQUIREMENT 1
1044	(414)	ADDRESS	4	TVTRD100	RESERVED FOR DEVELOPMENT
1048	(418)	ADDRESS	4	CONREVRT	"V(DESTNAME)" IATCNRN DISP-MASK TO DEST CLASS NAME
1052	(41C)	ADDRESS	4	CONSAUTH	"V(IATCNIA)" IATCNIA CONSOLE AUTHORITY VALIDATION
1056	(420)	ADDRESS	4	DEQMSG	"V(DEQMSGX)" IATCNDQ CONSOLE BUFFER DEQUEUE
1060	(424)	ADDRESS	4	DEVSCAN	"V(DSPSCN)" IATGRG1 IN/OUT PARAMETER SCAN
1064	(428)	ADDRESS	4	DYNALRTY	SET BY IATINDY DYNAL ERROR RECOVERY
1068	(42C)	ADDRESS	4	IATXCPYF	"V(COPYFILE)" IATDMDT Copy File Service
1072	(430)	ADDRESS	4	FINDJNUM	"V(JOBNTEST)" IATGRJN FIND JOB NUMBER
1076	(434)	ADDRESS	4	GETUNIT	"V(GETUNI)" IATGRGU GETUNIT
1080	(438)	ADDRESS	4	IATXAMDV	"V(IATAMDV)" IATGRGU AMBIGUOUS DEVICE MSG RTN
1084	(43C)	ADDRESS	4	IATXELA	"V(ECFADD)" IATGRCT ECF LIST ADD
1088	(440)	ADDRESS	4	IATXELD	"V(ECFDEL)" IATGRCT ECF LIST DELETE
1092	(444)	ADDRESS	4	IATXELS	"V(ECFSCAN)" IATGRCT ECF LIST SCAN
1096	(448)	ADDRESS	4	IATXERCV	"V(IATERCV)" IATDMNC CHAINED SRF ERROR RECOVERY
1100	(44C)	ADDRESS	4	IATXGOSE	"V(IATGOSE)" IATOSGP GET MASTER OSE ROUTINE
1104	(450)	ADDRESS	4	IATXIOX	"V(IOCHECK)" IATDMNC CHECK SRF IO COMPLETION
1108	(454)	ADDRESS	4	IATXIWT	IATIIMS INTERPRETER MESSAGE ROUTINE 1
1112	(458)	ADDRESS	4	IATXPRMD	"V(PRMDTBEX)" IATOSGR PROCESS MODE TABLE EXECUTOR 4
1116	(45C)	ADDRESS	4	TVTRD110	RESERVED FOR DEVELOPMENT
1120	(460)	ADDRESS	4	IATXPOSE	"V(IATPOSE)" IATOSGP PUT MASTER OSE ROUTINE
1124	(464)	ADDRESS	4	IATXPRT	"V(XPRT)" IATGRG1 GNRALZED CORE DUMP
1128	(468)	ADDRESS	4	IATXRABC	"V(DMTKRABC)" IATDMTK I/O RAB CREATE ROUTINE
1132	(46C)	ADDRESS	4	IATXRABD	"V(DMTKRABD)" IATDMTK I/O RAB DESTROY ROUTINE
1136	(470)	ADDRESS	4	IATXRABP	"V(DMTKRABP)" IATDMTK I/O RAB PROCESS ROUTINE
1140	(474)	ADDRESS	4	IATXRELC	"V(DTRELCHN)" IATDMDT I/O RELEASE CHAIN
1144	(478)	ADDRESS	4	IATXSCN1	"V(CONSCAN1)" IATCNRN MESSAGE SCAN ROUTINE ENTRY
1148	(47C)	ADDRESS	4	IATXSCN2	"V(CONSCAN2)" IATCNRN MESSAGE SCAN ROUTINE ENTRY
1152	(480)	ADDRESS	4	IATXSMF	"V(IATSMFW)" IATOSGR QUEUE SMF WRITE REQUEST
1156	(484)	ADDRESS	4	IATXSPR	"V(IATXSPRE)" IATOSGR QUEUE SETPRT REQUEST
1160	(488)	ADDRESS	4	TVTRD112	RESERVED FOR DEVELOPMENT
1164	(48C)	ADDRESS	4	INTERCOM	"V(IATCNICX)" IATCNIC INTERCOM
1168	(490)	ADDRESS	4	JDSADD	"V(JDSADDX)" IATGRJA JDS ADD
1172	(494)	ADDRESS	4	IATXFRQ	"V(FREERSQ)" IATGRRQ FREE RESQUEUE
1176	(498)	ADDRESS	4	JDSGET	"V(JDSGETX)" IATGRJA JDS GET
1180	(49C)	ADDRESS	4	JDSHOLD	"V(JDSHOLDX)" IATGRJA JDS HOLD
1184	(4A0)	ADDRESS	4	JDSPOINT	"V(JDSPNTX)" IATGRJA JDS POINT
1188	(4A4)	ADDRESS	4	JDSPUT	"V(JDSPUTX)" IATGRJA JDS PUT
1192	(4A8)	ADDRESS	4	JDSREL	"V(JDSRELX)" IATGRJA JDS RELEASE 2
1196	(4AC)	ADDRESS	4	JESCLOSE	SET BY IATGROP DEVICE CLOSE
1200	(4B0)	ADDRESS	4	TVTCL012	SET BY IATGROP JESCLOSE BRANCH ENTRY
1204	(4B4)	ADDRESS	4	JESEXCP	SET BY IATGROP DEVICE EXCP
1208	(4B8)	ADDRESS	4	JESCKPNT	"V(JESCHECK)" IATGRCP CHECKPOINT

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
1212	(4BC)	ADDRESS	4	TVTRD118	Reserved for development
1216	(4C0)	ADDRESS	4	JESMODLK	SET BY IATABMN MODULE NAME LOOK-UP ROUTINE
1220	(4C4)	ADDRESS	4	JESMSG	"V(JESMSGX)" IATGRJM Write msg in job's JESMSGLG 1
1224	(4C8)	ADDRESS	4	JESOPEN	SET BY IATGROP DEVICE OPEN 5
1228	(4CC)	ADDRESS	4	JESREAD	"V(READ)" IATDMNC SINGLE-BUFFER READ
1232	(4D0)	ADDRESS	4	JESSNAP	IATGRVT(F) CHNGD BY JESSNAP WHEN CALLED
1236	(4D4)	ADDRESS	4	TODMSG	"V(TODMSGX)" IATGRJM Create TOD message for job's JESMSGLG dataset
1240	(4D8)	ADDRESS	4	TVTSNPNA	SET BY IATABMN SNAP NUCTASK
1244	(4DC)	ADDRESS	4	JNADD	"V(JNADDX)" IATDCNC JNCB ADD
1248	(4E0)	ADDRESS	4	JNCBHLD	"V(JNCBHLDX)" IATDCNC JNCB SPECIFIC HOLD
1252	(4E4)	ADDRESS	4	JNCBREL	"V(JNCBRELX)" IATDCNC JNCB SPECIFIC RELEASE
1256	(4E8)	ADDRESS	4	JNDEL	"V(JNDELX)" IATDCNC JNCB DELETE
1260	(4EC)	ADDRESS	4	JNGET	"V(JNGETX)" IATDCNC JNCB GET
1264	(4F0)	ADDRESS	4	JNUMR	"V(RETURNJN)" IATGRJN RETURN A JOB NUMBER 2
1268	(4F4)	ADDRESS	4	JSERV	"V(JSERVX)" IATSSJS SUBSYSTEM COMMUNICATION
1272	(4F8)	ADDRESS	4	JSSDADR	"V(IATGRJS)" IATGRJS EP FOR IATGRJS
1276	(4FC)	ADDRESS	4	LOGIN	"V(LOGINX)" IATGRLG CONSOLE LOGIN
1280	(500)	ADDRESS	4	LOGOUT	"V(LOGOUTX)" IATGRLG CONSOLE LOGOUT
1284	(504)	ADDRESS	4	IATXRCVL	"V(RCVALID)" IATCNRN ROUTE CODE/DEST CLASS VALIDATION ROUTINE
1288	(508)	ADDRESS	4	TVTRD117	RESERVED FOR DEVELOPMENT
1292	(50C)	ADDRESS	4	MOVEDATA	"V(MOVE)" IATDMDT MOVE DATA
		1...		NCKLOCKD	"X'80'" NCK ROUTINES IN USE
1296	(510)	ADDRESS	4	NCBTAADD	"V(NCBTAADX)" IATDCNC NCB ADD
1300	(514)	ADDRESS	4	NCBTAFND	"V(NCBTAFDX)" IATDCNC NCB FIND
1304	(518)	ADDRESS	4	NCBTAGET	"V(NCBTAGTX)" IATDCNC NCB GET
1308	(51C)	ADDRESS	4	NCBTAPUT	"V(NCBTAPTX)" IATDCNC NCB WRITE
1312	(520)	ADDRESS	4	NCBTAREL	"V(NCBTARLX)" IATDCNC NCB RELEASE
1316	(524)	ADDRESS	4	NCKADD	"V(NCKTADDX)" IATDCNC NCB CKPT ADD
1320	(528)	ADDRESS	4	NCKDEL	"V(NCKTADLX)" IATDCNC NCB CKPT DEL
1324	(52C)	ADDRESS	4	POSTSRS	"V(SRSPOST)" IATGRGU POST SPEC RESHD DSPS UAVL
1328	(530)	ADDRESS	4	PURCHAIN	"V(PURGCHN)" IATDMNC PURGE SINGLE-RECORD FILE CHAIN
1332	(534)	ADDRESS	4	PUTUNIT	"V(PUTUNI)" IATGRGU PUTUNIT
1336	(538)	ADDRESS	4	RCLOSE	IATRJM2 CLOSE TERMINAL DEVICE
1340	(53C)	ADDRESS	4	TVTRD120 (2)	RESERVED FOR DEVELOPMENT
1348	(544)	ADDRESS	4	TVTRS120 (2)	RESERVED FOR SERVICE
1356	(54C)	ADDRESS	4	TVTRU120 (2)	RESERVED FOR USER 3
1364	(554)	ADDRESS	4	RJPIO	IATRJM2 I/O TO TERMINAL DEVICE
1368	(558)	ADDRESS	4	RJPSNAP	IATGRVT CHANGED BY RJPSNPS DSP
1372	(55C)	ADDRESS	4	ROPEN	IATRJM2 OPEN TERMINAL DEVICE
		1...		TVTRJPAC	"X'80'" HI-ORDER BIT OF ROPEN 1 - RJP IS ACTIVE
1376	(560)	ADDRESS	4	TVTRU130	RESERVED FOR USER
1380	(564)	ADDRESS	4	RQTAADD	"V(RQTAADDX)" IATGRRQ RESQUEUE TABLE ADD
1384	(568)	ADDRESS	4	RQTADEL	"V(RQTADELX)" IATGRRQ RESQUEUE TABLE DELETE
1388	(56C)	ADDRESS	4	RQTAPUT	"V(RQTAPUTX)" IATGRRQ RESQUEUE TABLE PUT
1392	(570)	ADDRESS	4	TVTRD130	RESERVED FOR DEVELOPMENT
1396	(574)	ADDRESS	4	TVTRS130	RESERVED FOR SERVICE
1400	(578)	ADDRESS	4	SPINOFF	"V(SPINOFFX)" IATOSGR SPINOFF SCHEDULING
1404	(57C)	ADDRESS	4	TVTRS140 (24)	RESERVED FOR SERVICE 4
1500	(5DC)	ADDRESS	4	TVTCISCH	IATIICS C/I SCHEDULER ENTRY POINT
1504	(5E0)	ADDRESS	4	TVTDSSCH	IATIIPC DISABLE PROCESSING AND SCHEDULING ENTRY POINT
1508	(5E4)	ADDRESS	4	TVTPSSCH	IATIIPS POSTSCAN SCHEDULER ENTRY PT
1512	(5E8)	ADDRESS	4	TVJCTREL	"V(XJCT2000)" IATGRJX DEQ FCT FROM ALL JCT'S
1516	(5EC)	SIGNED	4	TVTRD00H	RESERVED FOR DEVELOPMENT
1520	(5F0)	ADDRESS	4	TVTDISK	"V(DISK)" IATDMNC ENTRY PT FROM JSAM FCT
1524	(5F4)	ADDRESS	4	TVTRD140	RESERVED FOR DEVELOPMENT
1528	(5F8)	ADDRESS	4	TVTFSEPS (0)	Start IATGRFS entry pt list
1528	(5F8)	ADDRESS	4	TVTFSSST	IATGRFS IATXFSS TYPE=START ENTRY
1532	(5FC)	ADDRESS	4	TVTFSSFS	IATGRFS IATXFSS TYPE=FSSSTART ENTRY
1536	(600)	ADDRESS	4	TVTFSSCK	IATGRFS IATXFSS TYPE=CHKPT ENTRY
1540	(604)	ADDRESS	4	TVTFSSAB	IATGRFS IATXFSS TYPE=ABEND ENTRY

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1544	(608)	ADDRESS	4	TVTFSSCL	IATGRFS IATXFSS TYPE=CLEANUP ENTRY
1548	(60C)	ADDRESS	4	TVTFSSAM	IATGRFS IATXFSS TYPE=AMBCHK ENTRY
1552	(610)	ADDRESS	4	TVTFSSFP	IATGRFS IATXFSS TYPE=FSAPOST ENTRY
1556	(614)	ADDRESS	4	TVTFSSRS	IATGRFS FSS Resource Termination Routine
1560	(618)	ADDRESS	4	TVTFSEPN (0)	End IATGRFS entry pt. list
1560	(618)	X'20'	0	TVTFSEPL	"TVTFSEPN-TVTFSEPS" Len IATGRFS entry pt. list
1560	(618)	ADDRESS	4	TVTGMS1	"V(UPDTCLCN)" IATMSCC Update GMS constraints
1564	(61C)	ADDRESS	4	TVTINPUT	"V(INPUT)" IATDMNC I/O INPUT ROUTINE
1568	(620)	ADDRESS	4	TVTOUTPT	"V(OUTPUT)" IATDMNC I/O OUTPUT ROUTINE
1572	(624)	ADDRESS	4	TVTXJCT	"V(IATXJCT)" IATGRJX JCT ACCESS ROUTINE
1576	(628)	ADDRESS	4	TVTXJQE	"V(IATXJQE)" IATGRJX JQE ACCESS ROUTINE
1580	(62C)	ADDRESS	4	TVTXSQE	IATGRSQ ADDR OF STORAGE Q MNGR
1584	(630)	ADDRESS	4	TVTXTOD	"V(TODX)" IATGRCT TOD SERVICE ROUTINE
		1...		TVTXTODF	"X'80'" HIGH ORDER BIT OF TVTXTODF 1-BINARY REQUEST
1588	(634)	ADDRESS	4	TVTCNTOR	"V(CNTORG)" IATGRCT RTN TO CYCLE FCTS W/O AWAIT
1592	(638)	ADDRESS	4	TVTDSP00	"V(ATMDSP00)" IATGRCT AUX TASK DISPATCHER
1596	(63C)	ADDRESS	4	VATAFCT	"V(ATAFCT)" IATGRG1 ATTACH FCT ROUTINE
1600	(640)	ADDRESS	4	VGETFCT	"V(GETFCT)" IATGRG1 GET FCT ROUTINE
1604	(644)	ADDRESS	4	VGETRSQ	"V(GETRSQ)" IATGRRQ GET RESQUEUE ROUTINE
1608	(648)	ADDRESS	4	WRTCHAIN	"V(WRTCHN)" IATDMNC WRITE CHAIN OF SRF-S
1612	(64C)	ADDRESS	4	ZEROCORE	"V(ZEROCRE)" IATDMNC CLEAR CORE TO ZEROS 1
1616	(650)	ADDRESS	4	IATXOSWS	"V(IATOSWS)" IATOSWS OUTPUT SERVICE SCHEDULER
1620	(654)	ADDRESS	4	IATXOSSC	"V(IATOSSC)" IATOSSC OUTPUT SERVICE SUBSYSTEM SYSOUT REQUEST SCHEDULER
1624	(658)	ADDRESS	4	IATXOSBM	"V(IATOSBM)" IATOSBM OUTPUT SERVICE BDT MANAGER
1628	(65C)	ADDRESS	4	IATXOSPC	"V(IATOSPC)" IATOSPC OUTPUT SERVICE PSO REQUEST SCHEDULER
1632	(660)	ADDRESS	4	IATXOSSO	"V(IATOSSO)" IATOSSO Output Service SYSOUT Appl Programming Interface (SAPI)
1636	(664)	ADDRESS	4	TVTJQENQ	"V(JSSJQENQ)" IATGRJS ADD A JQE TO A READY OR WAIT QUEUE
1640	(668)	ADDRESS	4	TVTJQEDQ	"V(JSSJQEDQ)" IATGRJS DELETE A JQE FROM A READY OR WAIT QUEUE
1644	(66C)	ADDRESS	4	TVTNOTFY	"V(JSSNOTFY)" IATGRJS NOTIFY ROUTINE
1648	(670)	ADDRESS	4	DLOCON	"V(SSDSDLON)" IATSSDS Activate a dest queue entry
1652	(674)	ADDRESS	4	DSQLOCEP	"V(SSDSDLOC)" IATSSDS Locate a dest queue entry
1656	(678)	ADDRESS	4	DLOCOFF	"V(SSDSDLOF)" IATSSDS Deactivate a dest queue entry
1660	(67C)	ADDRESS	4	TVTRD150 (3)	RESERVED FOR DEVELOPMENT
1672	(688)	ADDRESS	4	TVTRS150 (9)	RESERVED FOR SERVICE
1708	(6AC)	ADDRESS	4	TVTRU150 (10)	RESERVED FOR USER
1748	(6D4)	ADDRESS	4	TVTEPE (0)	END OF ENTRY POINTS

Comment

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  TVTEPE MARKS THE END OF THE TVT ENTRIES IMPACTING IATUTIC
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  MISCELLANEOUS TABLES AND DATA POINTERS - FULLWORD
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End of Comment

1748	(6D4)	ADDRESS	4	AASPMAP	"V(NUCMAP)" IATGRVT(F) MAP OF IATNUC CSECTS
1752	(6D8)	ADDRESS	4	ABENDDCB	SET BY IATABN0 ABEND DCB 4
1756	(6DC)	ADDRESS	4	TVTRD151	RESERVED FOR DEVELOPMENT 0216
1760	(6E0)	ADDRESS	4	ACONCONS	"V(IATCNCN)" DATA CSECT FOR CONSOLE SERVICE
1764	(6E4)	ADDRESS	4	TVTRD152	RESERVED FOR DEVELOPMENT
1768	(6E8)	ADDRESS	4	ASYSIOSP	SET BY IATINC2 CONSOLE ATTENTION SAVE
1772	(6EC)	ADDRESS	4	TVTRD155	Reserved for development
1776	(6F0)	ADDRESS	4	JESMSGRT	SET BY IATINC2 ROUTE CODE MAPPING TABLE
1780	(6F4)	SIGNED	4	TVT8500D	MSG ADDR FOR IAT8500 MESSAGE
1784	(6F8)	ADDRESS	4	TVTFDCTA	IATINIO Address of File Directory 0008 (FD) Control area 0008
1788	(6FC)	ADDRESS	4	TVTRSV01	Reserved 0008

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1792	(700)	ADDRESS	4	AIOFDLST	IATINIO ADDRESS OF LAST FD ENTRY
1796	(704)	ADDRESS	4	AIOFDTOP	IATINIO ADDRESS OF FIRST FD ENTRY
1800	(708)	SIGNED	2	TVTRSV02	Reserved for IBM 0008
1802	(70A)	SIGNED	2	TVTSUPNO	SET BY IATINDEV NUMBER OF SUPUNITS
1804	(70C)	SIGNED	4	TVTRD165	RESERVED FOR DEVELOPEMENT
1808	(710)	BITSTRING	12	TVTDSFDB	DUMP SUPPRESSION CKPT
1820	(71C)	ADDRESS	4	TVTDMCDE	DUMP SUPPRESSION TABLE

Comment

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      GMS LOCK FLAG AND HOLDING FCT ADDRESS
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End of Comment

1824	(720)	SIGNED	4	TVTGMSUP	GMS FCT
1828	(724)	BITSTRING	1	TVTGMSFL	GMS FLAG 1
		1...		TVTGMSP	"X'80'" GMS UPDATE PENDING
1829	(725)	BITSTRING	3	TVTRU160	RESERVED FOR USER
1832	(728)	ADDRESS	4	ASPTCB	"V(ASPTCBX)" IATGRCT TCB ADCON
1836	(72C)	ADDRESS	4	TVTRDYFC	"V(RDYQFCT)" READY QUEUE FCT ADDRESS
1840	(730)	ADDRESS	4	CKPTAREA	IATINGL CHECKPOINT AREA
1844	(734)	ADDRESS	4	TVTIRA	INTRDR ANCHOR BLOCK ADDRESS
1848	(738)	ADDRESS	4	TVTHWQE	END OF HOT WRITER WAIT QUEUE0370
1852	(73C)	ADDRESS	4	DRDCB	IATISCB DCB FOR IATISDR
1856	(740)	ADDRESS	4	DSIFCT	"V(DSIFCT)" IATGRPT DYNAMIC SYSTEM INTERCHANGE FCT
1860	(744)	ADDRESS	4	DSPCONVI	"V(CI)" IATGRPT(F) DSP DICT ENTRY FOR CI
1864	(748)	ADDRESS	4	DSPDISBL	"V(DISABLE)" IATGRPT DSP DICT ENTRY FOR DISABLE
1868	(74C)	ADDRESS	4	DSPENABL	"V(ENABLE)" IATGRPT DSP DICT ENTRY FOR ENABLE
1872	(750)	ADDRESS	4	DSPISDRV	"V(ISDRVR)" IATGRPT DSP DICT ENTRY FOR INPUT SERV.
1876	(754)	ADDRESS	4	DSPMAIN	"V(MAIN)" IATGRPT DSP DICT ENTRY FOR MAIN
1880	(758)	ADDRESS	4	DSPPSTSC	"V(POSTSCAN)" IATGRPT DSP DICT ENTRY FOR POSTSCAN
1884	(75C)	ADDRESS	4	DSPDMJA	"V(DMJA)" IATGRPT DSP DICT ENTRY FOR DMJA
1888	(760)	ADDRESS	4	DSPOUTPT	"V(OUTSERV)" IATGRPT DSP DICT ENTRY FOR OUTSERV
1892	(764)	ADDRESS	4	DSPFSSCT	"V(FSSCONT)" IATGRPT DSP DICT ENTRY FOR FSS CONTROLLER
1896	(768)	ADDRESS	4	DSPURGE	"V(PURGE)" IATGRPT DSP DICT ENTRY FOR PURGE
		1...		TVTDRFLG	"X'80'" HIGH ORDER BIT OF DRDCB 1 = DRDCB IN USE
1900	(76C)	BITSTRING	1	DNMCONVI	IATGRPT(F) DSP NUMBER FOR CI
1901	(76D)	BITSTRING	1	DNMDISBL	IATGRPT DSP NUMBER FOR DISABLE
1902	(76E)	BITSTRING	1	DNMENABL	IATGRPT DSP NUMBER FOR ENABLE
1903	(76F)	BITSTRING	1	DNMISDRV	IATGRPT DSP NUMBER FOR INPUT SERV.
1904	(770)	BITSTRING	1	DNMMAIN	IATGRPT DSP NUMBER FOR MAIN
1905	(771)	BITSTRING	1	DNMPSTSC	IATGRPT DSP NUMBER FOR POSTSCAN
1906	(772)	BITSTRING	1	TVTRD190	RESERVED FOR DEVELOPMENT
1907	(773)	BITSTRING	1	DNMOUTPT	IATGRPT DSP NUMBER FOR OUTSERV
1908	(774)	BITSTRING	1	DNMPURGE	IATGRPT DSP NUMBER FOR PURGE
1909	(775)	BITSTRING	1	TVTRD200	RESERVED FOR DEVELOPMENT
1910	(776)	SIGNED	2	TVTSJFWK	IATUX20 SWBTUREQ WORKING STG SIZE 2
1912	(778)	ADDRESS	4	FIRSTDEB	SET BY IATGROP ADDR OF JES3 EXCP DEB AVT 2
1916	(77C)	ADDRESS	4	TVTFSFCT	"V(FSFCT)" IATGRPT FCT FOR FAILSOFT
1920	(780)	ADDRESS	4	TVTWTFCT	"V(WAITFCT)" IATGRPT WAIT FCT
1924	(784)	ADDRESS	4	IOERRFCT	SET BY IATDMGB DISK I/O ERROR RECOVERY FCT 4
1928	(788)	ADDRESS	4	TVTSPLST	IATINSP SPOOL PARTITION QUEUE
1932	(78C)	ADDRESS	4	TVTTGBAD	IATDMTK ADDR OF TRACK BYPASS TABLE
1936	(790)	ADDRESS	4	TVTBTR	IATDMTK BTR CKPT RCD (CKPT DS BACKUP)
1940	(794)	ADDRESS	4	TVTPTCAD	IATINSP ADDR OF PTAT CKPT RECORD
1944	(798)	ADDRESS	4	TVTSPREL	IATINSP SPART RELATIVE VECTOR
1948	(79C)	ADDRESS	4	TVTEXREL	IATINSP EXTENT RELATIVE VECTOR
1952	(7A0)	ADDRESS	4	TVTSPINT	IATINSP INITIALIZATION SPOOL PARTITION
1956	(7A4)	ADDRESS	4	TVTSPDEF	IATINSP DEFAULT SPOOL PARTITION
1960	(7A8)	BITSTRING	8	TVTSPID	IATINSD SPOOL CHECKPNT ID (DATE/TIME)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
1968	(7B0)	BITSTRING	1	TVTSPFLG	SPOOL STATUS FLAGS
				Comment	

					DEFINITION OF TVTSPFLG

				End of Comment	
		1...		TVTSPPCK	"X'80'" IATGRCP PTATS CHECKPOINTED
		.1..		TVTSPDEL	"X'40'" IATINSD A SPOOL DS WAS DELETED
		..1.		TVTSPUNV	"X'20'" IATINSD A SPOOL DS IS UNAVAILABLE
		...1		TVTSPRPL	"X'10'" IATINSD A SPOOL DS WAS REPLACED
		.... 1...		TVTSPADD	"X'08'" IATINSD A SPOOL DS ADDED ON RESTART
		.... .1..		TVTSPSTT	"X'04'" IATINST STT EXTENTS ALLOCATED DYNAM.
		.... ..1.		TVTSPCHG	"X'02'" IATMOSP TAT MANIPULATION IN PROGRESS
		1		TVTSPTAP	"X'01'" IATINSP TRACK ALLOCATION PERMITTED
1969	(7B1)	BITSTRING	1	TVTSPFL2	SPOOL STATUS FLAGS (BYTE 2)
				Comment	

					DEFINITION OF TVTSPFL2

				End of Comment	
1970	(7B2)	SIGNED	2	TVTSP	IATINIO NUMBER OF SPOOL PARTITIONS
1972	(7B4)	BITSTRING	28	TVTRTAT	IATINSNA - RJPTAT FDB 1
2000	(7D0)	BITSTRING	2	TVTRS210	RESERVED FOR SERVICE
2002	(7D2)	BITSTRING	6	TVTINSPA	SAVED JOB TAT SPOOL ADDRESS USED FOR INITIALIZATION
2008	(7D8)	BITSTRING	12	TVTRU210	RESERVED FOR USER
2020	(7E4)	ADDRESS	4	TVTNTRCA	IATINIT NUC TASK PATH TRACE TABLE
2024	(7E8)	ADDRESS	4	TVTATRCA	IATINAX AUX TASK PATH TRACE TABLE
2028	(7EC)	ADDRESS	4	TVTJNCHN	IATGRAN PTR TO IATYJNRM C/BLOCK
2032	(7F0)	ADDRESS	4	TVTRD210	Reserved for development
2036	(7F4)	ADDRESS	4	OSSRQTOP	IATOSDR START OF RQ OUTPUT CHAIN
2040	(7F8)	ADDRESS	4	OSSWAIT	SET BY IATGRRQ OUTPUT SERVICE WAIT Q
2044	(7FC)	ADDRESS	4	TVTRS219	Reserved for development
2048	(800)	DBL WORD	8	(0)	ALIGN TO DOUBLEWORD
2048	(800)	ADDRESS	4	RJPASYNQ	RJP ASYNCHRONOUS BUFFER QUEUE
2052	(804)	ADDRESS	4	RJPECB (0)	RJP POST ECB
2052	(804)	BITSTRING	1	RJPECF	RJP POST FLAG BYTE
2053	(805)	BITSTRING	3		USED BY MVS POST
		1...		RJPECFCE	"X'80'" CHANNEL END OCCURRED
		.1..		RJPECFTM	"X'40'" TIME LIMIT EXPIRED
		..1.		RJPECFAB	"X'20'" RJP LINE TO BE CANCELLED
		...1		RJPECFOP	"X'10'" OPERATOR COMMAND RECEIVED
		.... 1...		RJPECFST	"X'08'" RJP LINE TO BE STARTED
		.... .1..		RJPECFCN	"X'04'" REMOTE CONS Q-ED TO DEPTH
		.... ..1.		RJPECFLL	"X'02'" LOCAL LOCK FREED POST
2056	(808)	ADDRESS	4	RJPLDCTQ	ACTIVE LINE QUEUE
2060	(80C)	ADDRESS	4	RQWTRTOP	SET BY IATGRRQ OUTPUT SERVICE WTR Q
2064	(810)	ADDRESS	4	SNAPDCBA	SET BY IATABMN JES3SNAP DCB
2068	(814)	ADDRESS	4	SPORQTOP	IATOSDR START OF SPINOFF RQ CHAIN 9
2072	(818)	ADDRESS	4	TVTCITCB	IATINAT C/I SUBTASK TCB
2076	(81C)	ADDRESS	4	TVTICTCH	IATINAT INTERP. CONTROL TABLE CHAIN
2080	(820)	ADDRESS	4	TIDSNT	IATINIF RESDSN TABLE ADDRESS
2084	(824)	ADDRESS	4	TIHWST	IATINIF HIGHWATER SETUP NAME TABLE
2088	(828)	ADDRESS	4	TIPARMS	IATINIF CIPARM TABLE ADDRESS
2092	(82C)	ADDRESS	4	TPROCCHN	IATINIP CI PROCLIB TABLE ADDRESS 2
2096	(830)	ADDRESS	4	TVTCKFCT	ADDR OF FCT ISSUING ERRXXX
2100	(834)	ADDRESS	4	TVTCKMSG	ADDR OF MSG BUFFER ERRXXX
2104	(838)	BITSTRING	4	TVTFSLGA	IATABMN FAILSOFT LOGOUT AREA (AVAIL)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		TVTFSLOG	"X'80'" HIGH ORDER BIT OF TVTFSLGA 1-LOGOUT AREA AVAILABLE
2108	(83C)	BITSTRING	4	TVTFSWA	IATINIT FAILSOFT WK AREA-SP5 (AVAIL)
		1...		TVTFSWRK	"X'80'" HIGH ORDER BIT OF TVTFSWA 1-WORK AREA AVAILABLE
2112	(840)	ADDRESS	4	TVTIOPRM	IATINSD ADDR I/O PARAMETER BLOCK 1
2116	(844)	ADDRESS	4	TVTIQECA	"V(INQECF)" INQUIRY ECF ADDRESS
2120	(848)	ADDRESS	3		MUST BE ZERO
2123	(84B)	ADDRESS	1	TVTIQECM	INQUIRY LOCAL PROC ECF MASK
2124	(84C)	ADDRESS	4	TVTITKPM	SET BY IATINIT IATINTK PARMS LIST ADDR
2128	(850)	ADDRESS	4	TVTJDEQ	"V(ALDJDEQ)" IATGRLD JES3 ALOAD Q
2132	(854)	ADDRESS	4	TVTRD215	RESERVED FOR DEVELOPMENT
2136	(858)	ADDRESS	4	TVTLTRC	IATINSV ADDR OF LAST TRACE POINTER
2140	(85C)	ADDRESS	4	TVTMAPRJ	SET BY IATRJDV MAP FOR CSECTS IN IATRJMN 1
2144	(860)	ADDRESS	4	TVTMOECA	"V(MODECF)" MODIFY ECF ADDRESS
2148	(864)	ADDRESS	3		MUST BE ZERO
2151	(867)	ADDRESS	1	TVTMOECM	MODIFY LOCAL PROC ECF MASK
2152	(868)	ADDRESS	4	TVTMSPAT	SET BY IATINMD ADDRESS OF FIRST IATYPAT
2156	(86C)	ADDRESS	4	TVTMSU	SET BY IATINMD ADDRESS OF FIRST IATYMSU
2160	(870)	ADDRESS	4	TVTRD218	RESERVED FOR DEVELOPMENT
2164	(874)	ADDRESS	4	TVTFSL	SET BY IATFSLG IATYFSL ADDR IF EXISTS 2
2168	(878)	ADDRESS	4	TVTABMNE	IATABMN Outer ESTAE entry point
2172	(87C)	ADDRESS	4	OSWSQUE	Writer Wait Queue
2176	(880)	ADDRESS	4	TVTSAPWQ	SAPI Thread Wait for Work Queue
2180	(884)	ADDRESS	4	TVTRS220 (6)	RESERVED FOR SERVICE
2204	(89C)	ADDRESS	4	TVTDCNDB	"V(DUMYCNDB)" Address of dummy CNDB in TVT extension
2208	(8A0)	ADDRESS	4	TVTJMQA	JESMSG Q CONTROL ADDRESS
2212	(8A4)	ADDRESS	4	TVTJSSDA	"V(JSSDATA)" JSS WAIT & READY QUEUES
2216	(8A8)	SIGNED	4	TVTMSDM	MSG ID FOR IAT1101/IAT1103

Comment

TVTPJCL is the ARM FCT ECF. It must be on a fullword
boundary for compare and swap.

End of Comment

2220	(8AC)	SIGNED	4	(0)	
2220	(8AC)	BITSTRING	1	TVTPJCL	ARM FCT ECF
		1...		TVTPJCLP	"X'80'" XPJCL POST
2221	(8AD)	BITSTRING	1	TVTRD220 (3)	RESERVED FOR DEVELOPMENT
2224	(8B0)	ADDRESS	4	TVTNUCT	IATINIT NUC TASK TCB ADDRESS
2228	(8B4)	ADDRESS	4	TVTAUXT	IATINAX AUX TASK TCB ADDRESS
2232	(8B8)	SIGNED	4	TVTSTECB	TASK SERIALIZATION WAIT ECB
2236	(8BC)	ADDRESS	4	TVTSTTCB	ADDRESS OF STATUS STOPPED TCB
2240	(8C0)	ADDRESS	4	TVTATCB	"V(ATCB)" ADDRESS OF ATCB IN IATATCB
2244	(8C4)	ADDRESS	4	SRJPSNDU	SET BY IATSNLD DFC OUTPUT ROUTINE
2248	(8C8)	ADDRESS	4	SRJPSNDR	SET BY IATSNLD DFC RESPONSE IRB ROUTINE
2252	(8CC)	ADDRESS	4	SRJPRSRB	SET BY IATSNLD DFC RESPONSE SRB ROUTINE
2256	(8D0)	ADDRESS	4	SRJPSNDP	SET BY IATSNLD DFC RUPUT ROUTINE
2260	(8D4)	ADDRESS	4	SRJPSNDS	SET BY IATSNLD DFC SEND ROUTINE
2264	(8D8)	ADDRESS	4	SRJPSNDE	SET BY IATSNLD DFC TERMINATE ROUTINE
2268	(8DC)	ADDRESS	4	SRJPRSET	SET BY IATSNLD DFC RESET ENTRY TO SNDE
2272	(8E0)	ADDRESS	4	SRJPSNDF	SET BY IATSNLD DFC FRR ROUTINE
2276	(8E4)	ADDRESS	4	SRJPSNDA	SET BY IATSNLD DFC RC ANALYSIS ROUTINE
2280	(8E8)	ADDRESS	4	TVTRS230	RESERVED FOR SERVICE
2284	(8EC)	ADDRESS	4	TVTRU230 (3)	RESERVED FOR USER

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

				CODE AND ASSOCIATED AREAS	
				0	
				Certain dummy instructions are defined as place 0	
				holders in DSECTs for corresponding real code in 0	
				IATGRVT. These place holders use hard coded 0	
				register numbers instead of IATYREG equates because 0	
				not all register equates are defined in PL/X modules 0	
				generated from CASE. 0	

				End of Comment	
2296	(8F8)	ADDRESS	4	TVTTRC2	IATMOTR ADDR OF TRACE TRAP CODE
2300	(8FC)	SIGNED	4	TVTTRC3	IATGRTX R14 SAVE AREA - TRACE TRAP
2304	(900)	ADDRESS	4	DCTRAPS	IATUTDC DC TRAP
2308	(904)	SIGNED	4	TVTRD230 (3)	RESERVED FOR DEVELOPMENT
2340	(924)	SIGNED	4	DSPRSCNT	Number of DSPs in specialized reschedule
2344	(928)	SIGNED	4	TVTISJ	IATISEN Number of jobs that have gone through input service
2348	(92C)	SIGNED	4	TVTMBJ	IATGRJS Number of jobs that have gone through main service
				Comment	

				NOTE: THE TVT IS SAVED FROM THIS POINT	
				ON FOR INISH CHECKPOINT	
				STANDARDS/DEFAULTS AND DATA - FULLWORD	

				End of Comment	
2352	(930)	SIGNED	4	TVTINSAV (0)	
2352	(930)	SIGNED	8	TVINITID	SET BY IATINIC,INCD SPOOL RCRDS INISH ID
2352	(930)	X'930'	0	TVTIDDAT	"TVINITID,4" Date portion of id
2352	(930)	X'934'	0	TVTIDTIM	"TVINITID+4,4" Time portion of id
2360	(938)	BITSTRING	12	TVTHRINF (0)	Hot/Refresh information
2360	(938)	SIGNED	4	TVTHRDAT	Hot/refresh date
2364	(93C)	SIGNED	4	TVTHRTIM	Hot/refresh time
2368	(940)	SIGNED	4	TVTHRCNT	Number of hot starts with refresh since last cold or warm start
2372	(944)	BITSTRING	12	TVTCFINF (0)	*MODIFY,CONFIG information
2372	(944)	SIGNED	4	TVTCFDAT	*MODIFY,CONFIG date
2376	(948)	SIGNED	4	TVTCFTIM	*MODIFY,CONFIG time
2380	(94C)	SIGNED	4	TVTCFCNT	Number of *MODIFY,CONFIG requests since last cold, warm, or hot start with refresh
2384	(950)	SIGNED	4	TVTRD240 (3)	Reserved for development
2396	(95C)	SIGNED	4	AIONOBFN	IATINIO NO.OF CORE AWAITS FOR BUFS
2400	(960)	SIGNED	2	TVTGRPSZ	IATINSP SPOOL RECORDS PER TRACK GROUP
2402	(962)	BITSTRING	1	TVTMINTR	IATINSP MIN TRK GROUP PCT. SYS DEFLT
2403	(963)	BITSTRING	1	TVTMRGTR	IATINSP MARG TRK GROUP PCT. SYS DEFLT 1
2404	(964)	SIGNED	4	TVTDMPLN	IATINIC MAXIMUM LINES FOR DUMP
2408	(968)	SIGNED	4	IPLMASK	MAIN IPL MASK
2412	(96C)	SIGNED	4	TVTMAXC	IATINCH DEFAULT JOB CARDS (X 100)
2416	(970)	SIGNED	4	TVTMAXL	IATINCH DEFAULT JOB LINES (X 1000)
2420	(974)	SIGNED	4	TVTMAXP	IATINCH DEFAULT JOB PAGES
2424	(978)	SIGNED	4	TVTMAXB	IATINCH DEFAULT JOB BYTES (X 1000)
2428	(97C)	SIGNED	4	SIZEBUF	SET BY IATINIO SIZE OF BUFFER
2428	(97C)	X'97E'	0	BUFSZ	"SIZEBUF+2,2,C'H'" SIZE OF BUFFER - HALFWORD
2432	(980)	SIGNED	4	TVTONMSK	ON-LINE MAIN MASK 0181
2436	(984)	SIGNED	4	TVTSNECB	ECB POSTED ON SNAP NUCTASK COMPLETION.
2440	(988)	SIGNED	4	TVTCIECB	IATINAT ECB FOR C/I SUBTASK
		1...		TVTCISBW	"X'80'" IATIISB IS WAITING

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- ADDRESS SPACE SPECIFIC CI COUNTS ----------
					End of Comment
2444	(98C)	SIGNED	4	TVTMXDCI	MAXIMUM NUMBER OF CI DSPS FOR DEMAND/SELECT JOBS IN ADDRESS SPACE
2448	(990)	SIGNED	4	TVTUCDCI	DEMAND/SELECT CI DSPS : NUMBER IN USE
2452	(994)	SIGNED	4	TVTATDCI	DEMAND/SELECT CI SUBTASKS NUMBER ATTACHED 4
2456	(998)	SIGNED	4	TVTSBCNT (0)	IATINAT INTERP DSP SUBTASK COUNTS
2456	(998)	X'99A'	0	TVTCICNT	"TVTSBCNT+2,2" NUMBER OF C/I SUBTASKS
2460	(99C)	SIGNED	4	TVTPSDMX	DEMAND/SELECT POSTSCAN DSPS MAXIMUM NUMBER
2464	(9A0)	SIGNED	4	TVTPSDUS	DEMAND/SELECT POSTSCAN DSPS NUMBER IN USE
2468	(9A4)	CHARACTER	8	XCFGRPNM	JESXCF GROUP NAME SPECIFIED ON THE OPTIONS INITIAL- IZATION STATEMENT, BLANK IF NOT SPECIFIED OR NOT SPECIFIED CORRECTLY
2476	(9AC)	CHARACTER	8	XCFDEFGP	Home Node name from last Cold or Warm start. Used for XCFGRPNM default.
2484	(9B4)	SIGNED	4	TVTBSZDT	BUFFER DATA SIZE
2488	(9B8)	SIGNED	4	TVTCPUID	CPUID FROM SMCA
2492	(9BC)	SIGNED	4	TVTDATSZ	IATINIO IATYDAT SIZE (BUFSZ+DAT HDR)
2496	(9C0)	SIGNED	4	TVTDMSAV (4)	TRACE SAVE AREA
2512	(9D0)	SIGNED	4	TVTDMTRC (8)	JES3IOS TRACE DATA AREA
2544	(9F0)	SIGNED	4	TVTRSV03	Reserved for IBM
2548	(9F4)	SIGNED	4	TVTMAINJ	MAIN MASK OF ALL JES3 MAINS
2552	(9F8)	SIGNED	4	TVTSIOSV (6)	JES3SDM SAVE AREA
2576	(A10)	SIGNED	4	TVTUTIC	IATUTIC WORK AREA
2580	(A14)	SIGNED	4	TVTWAITS	IATGRCT TOTAL OS WAITS - JES3 TCB
2584	(A18)	SIGNED	4	TVTMNSMS	MASK OF MAIN PROCESSORS THAT HAVE SMS INSTALLED
2588	(A1C)	SIGNED	4	TVTRD260 (9)	RESERVED FOR DEVELOPMENT
2624	(A40)	SIGNED	4	TVTVALID	IATDMTK Maximum VALID value used
2628	(A44)	SIGNED	4	TVTRS260 (13)	Reserved for Service 0027
2680	(A78)	SIGNED	2	TVTRS261	Reserved for Service 0027
2682	(A7A)	ADDRESS	1	TVTWDLIM	WANTDUMP=YES limit 0027
2683	(A7B)	ADDRESS	1	TVTWDITV	WANTDUMP=YES interval in 0027 minutes 0027
2684	(A7C)	SIGNED	2	TVTJBNSE	COUNT OF FREE SECONDARY- JSAM BUFFER EXTENTS
2686	(A7E)	SIGNED	2	TVTJBDTH	JSAM BUFFER DELETE THRESH
2688	(A80)	SIGNED	2	TVTPPAGS	PAGE COUNT - PRIMARY EXT.
2690	(A82)	SIGNED	2	TVTSPAGS	PAGE COUNT - SECONDARY EXT.
2692	(A84)	SIGNED	2	TVTJBLIM	JSAM BUFFER POOL- EXPANSION LIMIT
2694	(A86)	SIGNED	2	TVTJBEXP	COUNT OF JSAM BUFFER POOL- EXPANSIONS
2696	(A88)	SIGNED	4	TVTRU260 (5)	RESERVED FOR USER 2
2716	(A9C)	SIGNED	4	TVTSCANI	IATGRLD SCAN CYCLE INTERVAL USED IN SCAN DELETE ROUTINE. TO DISABLE ROUTINE, SET THIS VALUE TO ZERO
2720	(AA0)	SIGNED	4	TVTRD270 (2)	RESERVED FOR DEVELOPMENT
2728	(AA8)	SIGNED	4	TVTRS270 (2)	RESERVED FOR SERVICE
2736	(AB0)	SIGNED	4	TVTRU270 (2)	RESERVED FOR USER
2744	(AB8)	SIGNED	2	TVTDMCSZ	LENGTH OF ONE DMC
2746	(ABA)	SIGNED	2	TVTDMCPG	# OF DMC'S FIT IN ONE PAGE
2748	(ABC)	SIGNED	4	TVTRD280 (4)	RESERVED FOR DEVELOPMENT
2764	(ACC)	SIGNED	4	TVTMUBLN	IATINIO MAXIMUM USER BUFFER LENGTH, THIS FIELD IS THE MAXIMUM SPACE AVAILABLE FOR USER DATA IN ONE BUFFER. IT EQUALS TVTBSZDT - L'DATCC.
2768	(AD0)	SIGNED	4	TVTMLRL	IATINIO MAXIMUM LOGICAL RECORD LEN
2772	(AD4)	SIGNED	4	TVTDLMSK	IATINIO DATA LENGTH MASK, THIS FIELD IS USED TO ISOLATE THE LENGTH FIELD OF THE DATCC
2776	(AD8)	ADDRESS	4	SRJPSNSG	SET BY IATSNLD SAVE AREA GET ROUTINE
2780	(ADC)	ADDRESS	4	SRJPSNJP	SET BY IATSNLD JES3 POST ROUTINE
2784	(AE0)	ADDRESS	4	SRJPSNFI	SET BY IATSNLD FM INBOUND ROUTINE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
2788	(AE4)	ADDRESS	4	SRJPSNFO	SET BY IATSNLD FM OUTBOUND ROUTINE
2792	(AE8)	ADDRESS	4	SRJPSNPI	SET BY IATSNLD PS INBOUND ROUTINE
2796	(AEC)	ADDRESS	4	SRJPSNPO	SET BY IATSNLD PS OUTBOUND ROUTINE
2800	(AF0)	ADDRESS	4	SRJPSNLM	SET BY IATSNLD MSG RTN ENTRY POINT
2804	(AF4)	ADDRESS	4	TVTRS280	RESERVED FOR SERVICE

Comment

FDB'S AND DATA - HALFWORD

End of Comment

2808	(AF8)	BITSTRING	12	DJCCKFDB	DJC CKPT FDB 1
2820	(B04)	BITSTRING	12	GMSFDB	MAIN SCHEDULING CHKPT FDB 1
2832	(B10)	BITSTRING	28	MNTRKFDB	SINGLE TRACK TABLE TAT FDB 4
2860	(B2C)	BITSTRING	12	SMRFDB	SELECT MODE RECORD FDB 1
2872	(B38)	BITSTRING	12	TVONLFDB	SYSUN VARY STATUS CKPT FDB 1
2884	(B44)	BITSTRING	28	JCTRKFDB	JCT ALLOCATION DUMMY TAT FDB 3
2912	(B60)	BITSTRING	12	TVTFSSFD	FSS/FSA CHECKPT ROOT FDB
2924	(B6C)	BITSTRING	4	TVTRD290	RESERVED FOR DEVELOPMENT 6
2928	(B70)	BITSTRING	12	TVVCKFDB	VUA CHECKPOINT FDB
2940	(B7C)	SIGNED	2	AFGABNUM	IATABMN JES3 FAILURE NUMBER
2942	(B7E)	SIGNED	2	AIOBFUSE	IATINIO NUMBER OF BUFFERS IN USE
2944	(B80)	SIGNED	2	TVTSNNUM	JES3 FAILURE NUMBER ASSOCIATED WITH SNAP NUCTASK REQUEST.
2946	(B82)	SIGNED	2	AIONBUFS	IATINIO NUMBER OF JES3 BUFFERS
2948	(B84)	SIGNED	2	AIONOBFM	IATINIO MAX NUMBER EVER IN USE 12
2950	(B86)	SIGNED	2	TVTRD300 (2)	Reserved for IBM
2954	(B8A)	SIGNED	2	TVTDATFS	IATINIO SIZE FIXED PORTION IATYDAT
2956	(B8C)	SIGNED	2	TVTRD305 (6)	Reserved for IBM 2
2968	(B98)	SIGNED	2	AIOBMIN	- IATINIO MIN. JSAM BUFFERS
2970	(B9A)	SIGNED	2	TVTDYSCR	DYNALLOC SCRATCH JVT NUMBER
2972	(B9C)	SIGNED	2	TVTRS310 (4)	Reserved for Service
2980	(BA4)	BITSTRING	1	TVTSPFLC	Spool Flags - checkpointed

Comment

Definition of TVTSPFLC

End of Comment

		1...		TVTSDION	"X'80'" SDI=YES specified
		.1..		TVTDSI40	"X'40'" Reserved for Service
		..1.		TVTDSI20	"X'20'" Reserved for Service
		...1		TVTDSI10	"X'10'" Reserved for Service
		.... 1...		TVTDSI08	"X'08'" Reserved for Service
		.... .1..		TVTDSI04	"X'04'" Reserved for Service
		.... ..1.		TVTDSI02	"X'02'" Reserved for Service
		1		TVTDSI01	"X'01'" Reserved for Service
2981	(BA5)	BITSTRING	1	TVTISFLG	Input Service Flags - checkpointed

Comment

Definition of TVTISFLG

End of Comment

		1...		TVTASPE	"X'80'" ALTJCL=ERROR specified (flag ASP-style JECL as errors)
		.1..		TVTASPW	"X'40'" ALTJCL=IGNOREW specified (flag ASP-style JECL as warnings)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		TVTASPC	"X'20'" ALTJCL=COMMENT specified (treat ASP-style JECL as comments)
		...1		TVTISF10	"X'10'" Reserved for IBM
		.... 1...		TVTISF08	"X'08'" Reserved for IBM
		.... .1..		TVTISF04	"X'04'" Reserved for IBM
		.... ..1.		TVTISF02	"X'02'" Reserved for IBM
		1		TVTISF01	"X'01'" Reserved for IBM
2982	(BA6)	SIGNED	2	TVTINTRD	MAXIMUM NUMBER OF INTRDR'S
2984	(BA8)	SIGNED	2	TVTFDUSE	NUMBER OF FD ENTRIES IN USE
2986	(BAA)	SIGNED	2	TVTFDMAX	MAX. NO. OF FD ENTRIES USED
2988	(BAC)	BITSTRING	1	TVTRD310 (3)	RESERVED FOR DEVELOPMENT

Comment

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-------------------------------------------------------------
    ESTAE RECOVERY WTD FLAGS AND STORAGE POINTERS
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End of Comment

2991	(BAF)	BITSTRING	1	TVTESTFL	INIT,ABMN ESTAE WORK TO DO FLAG
		1...		TVTGETE6	"X'80'" RE-ACQUIRE SYS SUBPOOL STORAGE
		.1..		TVTGET00	"X'40'" RE-ACQUIRE USER SUBPOOL STORAGE
		..1.		TVTSDMSG	"X'20'" ISSUE WTO WARNING MSG
		...1		TVTSNAPN	"X'10'" SNAP NUCTASK
2992	(BB0)	SIGNED	4	TVTESTE6	INIT,GRCT ESTAE PTR FOR SYSTEM SUBPOOL
2996	(BB4)	SIGNED	4	TVTEST00	INIT,GRCT ESTAE PTR FOR USER SUBPOOL
2996	(BB4)	BITSTRING	0	TVTESTSZ	"X'2000'" 8K GETMAIN SIZE FOR ESTAE
		.... ..1.		TVTSBPUS	"X'02'" USER SUBPOOL 2
		111. .11.		TVTSBPSY	"X'E6'" SYSTEM SUBPOOL 230 (E6)
3000	(BB8)	SIGNED	2	TVTRU310 (3)	RESERVED FOR USER

Comment

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-------------------------------------------------------------
          FLAGS AND ECFS
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End of Comment

3006	(BBE)	BITSTRING	1		Reserved for development
3007	(BBF)	BITSTRING	1	AFGFLAG2	FLAG BYTE 2
		1...		AFGGMPF	"X'80'" CONSTD, GLOBMPF=YES
		.1..		AFGNOCPF	"X'40'" No sysplex prefix defined 0101 to CPF (XCFLOCAL mode) 0101
		..1.		AFGRS220	"X'20'" Reserved flag
		...1		AFGRS210	"X'10'" Reserved flag
		.... 1...		AFGRS208	"X'08'" Reserved flag
		.... .1..		AFGRS204	"X'04'" Reserved flag
		.... ..1.		AFGRS202	"X'02'" Reserved flag
		1		AFGRS201	"X'01'" Reserved flag
3008	(BC0)	BITSTRING	1	TVTLIMF	LIMIT FLAG
		1...		TVTCANB	"X'80'" MAX BYTES EXCEEDED, CNCL JOB
		.1..		TVTDMPB	"X'40'" MAX BYTES EXCEEDED, DUMP JOB
		..1.		TVTCANP	"X'20'" MAX PAGES EXCEEDED, CNCL JOB
		...1		TVTDMPP	"X'10'" MAX PAGES EXCEEDED, DUMP JOB
		.... 1...		TVTCANC	"X'08'" MAX CARDS EXCEEDED, CNCL JOB
		.... .1..		TVTDMPC	"X'04'" MAX CARDS EXCEEDED, DUMP JOB
		.... ..1.		TVTCANL	"X'02'" MAX LINES EXCEEDED, CNCL JOB
		1		TVTDMPL	"X'01'" MAX LINES EXCEEDED, DUMP JOB
3009	(BC1)	BITSTRING	1	AFGFLAG5	FLAG BYTE 5
		1...		AFGDLPST	"X'80'" DEADLINE POST 1 1
3010	(BC2)	BITSTRING	1	AIOFLAG1	IATINIO FLAGS
		1...		AIORDWRT	"X'80'" I/O REQ FROM READ/WRITE RTN
		.1..		AIOFDNEW	"X'40'" ON WHEN FD ENTRIES ARE AVAIL
		..1.		AIOGETBF	"X'20'" GETBUF REQUEST

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		AIONOSPC	"X'08'" NO SPACE ON QUEUE PACKS
		.... .1..		AIOSNGIO	"X'04'" SET FOR SINGL REC I/O REQUEST
3011	(BC3)	BITSTRING	1	AIOFLAG2	IATINIO FLAGS
		1...		AIONOAWT	"X'80'" GETBUF WITHOUT AWAIT
		..1.		AIORESPG	"X'20'" INVERSE PURGE STT ENTRY
		...1		AIOPTJSM	"X'10'" Post of JSAM is required
		.... 1...		AIOJQMSG	"X'08'" Reserved for IBM
		.... .1..		AIOMSOUT	"X'04'" MINIMAL JSAM BUFFER MSG (IAT1101/IAT1103) OUTSTANDING
		.... ..1.		AIOMCMSG	"X'02'" MARG TRK COND IN INIT
		1		AIOMNBUF	"X'01'" MIN. JSAM BUF COND.
3012	(BC4)	BITSTRING	1	JSSFLG1	JSS FLAG BYTE

Comment

DEFINITION OF JSSFLG1

End of Comment

		1...		JSSGPOST	"X'80'" GENERAL POST OF JSS (*S JSS)
		.1..		JSSDUCHG	"X'40'" THE USE COUNT OR STATUS OF A DSP HAS CHANGED
		..1.		JSSOSWEF	"X'20'" AN RQ ON THE OUTSERV WAIT RQ CHAIN (INDEX=RQOSWAIT) HAS COMPLETED PROCESSING
		...1		JSSPRELH	"X'10'" ONE OR MORE JOB PRIORITY LEVELS HAVE BEEN RELEASED FROM OPERATOR HOLD
		.... 1...		JSSMCGAV	"X'08'" A MAIN, GMS CLASS, OR GMS GROUP HAS BECOME AVAILABLE
		.... .1..		JSSEFADD	"X'04'" ENDING FUNCTION RQ ADDED TO EF CHAIN (INDEX=RQDONE OR RQCMPLT)
		.... ..1.		JSSPROCN	"X'02'" A PROCLIB HAS BEEN ENABLED
		1		JSSRQTMR	"X'01'" TIMER INTERVAL EXPIRED FOR RETRY AFTER RQ SHORTAGE
3013	(BC5)	BITSTRING	1	JSSFLG2	JSS FLAG BYTE

Comment

DEFINITION OF JSSFLG2

End of Comment

		1...		JSSFSTIM	"X'80'" JSS FIRST PASS AFTER START
		.1..		JSSACTIV	"X'40'" JSS FIRST PASS COMPLETED
		..1.		JSSCHKPT	"X'20'" JSS CHECKPOINT JCT REQUEST
		...1		JSSSTART	"X'10'" *S JSS HAS BEEN ISSUED
		.... 1...		JSSWORKQ	"X'08'" ONE OR MORE JQES HAVE BEEN ADDED TO THE JSS READY Q
		.... .1..		TVTMPLAV	"X'04'" A MAIN PROCESSOR HAS 0181 BECOME AVAILABLE 0181
		.... ..1.		TVTDPJEN	"X'02'" DUPJOBNM SET TO YES
		1		TVTCIJSS	"X'01'" C/I JSAM buffers available 0082
3014	(BC6)	BITSTRING	1	TATFLAGS	IATINIO FLAGS
		1...		TATMINQ	"X'80'" Minimal tracks condition for the default spool partition
		.1..		TATMRGQ	"X'40'" Marginal tracks condition for the default spool partition
		..1.		TATGMSSP	"X'20'" Potential GMS job select suspend condition. This occurs when a spool partition and all of its overflow partitions are in a marginal tracks condition.
3015	(BC7)	BITSTRING	1	JSSTPOST	JSS TIMER POST FLAGS
3016	(BC8)	BITSTRING	1	TVTRD315	Reserved for development 0012 9
3017	(BC9)	BITSTRING	1	TVTFSFG1	FAILSOFT FLAGS
		1...		AFGESTAE	"X'80'" ESTAE EXIT RTN IN CONTROL
		.1..		AFGPJES3	"X'40'" JES3 TERMINATION REQUIRED

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		AFGFSACT	"X'20'" JES3 FAIL SOFT IS ACTIVE
		...1		TVTFSUFD	"X'10'" SET BY IATABN0 UNFORMATTED DUMP TAKEN OK
		.... 1...		AFGDMPOS	"X'08'" OPTIONS,DUMP=MVS
		.... .1..		AFGDMPSA	"X'04'" OPTIONS,DUMP=PRDMP
		.... ..1.		TVTFSNDP	"X'02'" OPTIONS,WANTDUMP=NO
		1		TVTFSASK	"X'01'" OPTIONS,WANTDUMP=ASK
3018	(BCA)	BITSTRING	1	TVTFSFG2	FAILSOFT FLAGS
		1...		AUXPTERM	"X'80'" AUXTASK IS TERMINATING
3019	(BCB)	BITSTRING	1	TVTINTRP	FLAGS FOR INTERPRETER OPTIONS
3019	(BCB)	X'BCB'	0	TVTMDFLG	"TVTINTRP" FLAGS FOR MAIN DEVICE SCHED
		1...		TVTFETCH	"X'80'" SET BY IATINMD MAIN DEVICE FETCH OPTION
		.1..		TVTPREFR	"X'40'" SET BY IATINCH THWSSEP=PREFER
		..1.		TVTREQUI	"X'20'" SET BY IATINCH THWSSEP=REQUIRE
		...1		TVTSMSET	"X'10'" JES3 IS DOING DATA SET ALLOCATION FOR SMS RESOURCES
		.... .1..		TVTANYJS	"X'04'" INTERPRETER DEFAULT ANYJES
		.... ..1.		TVTANYRL	"X'02'" INTERPRETER DEFAULT ANYREAL
		1		TVTBOTH	"X'01'" INTERPRETER DEFAULT BOTH
3020	(BCC)	BITSTRING	1	TVTSETUP	FLAGS FOR SETUP OPTIONS
		1...		MSSACT	"X'80'" SET BY IATINMD SETPARAM,MSS=...
		.1..		MSSJOB	"X'40'" SET BY IATINMD MSS=JOB; ELSE, =HWM
		..1.		MSSDEPTH	"X'20'" SET BY IATINMD SETPARAM,MSSDEPTH=YES
		...1		TVTRSF10	"X'10'" Reserved for IBM
		.... 1...		TVTIHWS	"X'08'" STANDARDS,SETUP=HWS
		.... .1..		TVTDHWS	"X'04'" STANDARDS,SETUP=DHWS
		.... ..1.		TVTTHWS	"X'02'" STANDARDS,SETUP=THWS
		1		TVTNONE	"X'01'" STANDARDS,SETUP=NONE
3021	(BCD)	BITSTRING	1	DYNECF	ECF FOR IATDYDR
		1...		DYNALOC	"X'80'" DYN ALLOC SA REC'D
		.1..		DYNUNAL	"X'40'" UNALLOC SA REC'D
		..1.		DYNCDD	"X'20'" CHANGE DDNAME SA REC'D
		...1		DYNINIT	"X'10'" INITIALIZATION COMPLETE
3021	(BCD)	X'E0'	0	DYNSAMSK	"DYNALOC+DYNUNAL+DYNCDD" SA POST
3022	(BCE)	BITSTRING	1	TVTDYNL	FLAGS FOR DYNAL FCT
		1...		TVTDRCRC	"X'80'" RECOVERY RECURSION FLAG
3023	(BCF)	BITSTRING	1	TVTSTFLG	IBM SYSTEM TESTING USE
		1...		TVTSTFG0	"X'80'"
		.1..		TVTSTFG1	"X'40'"
		..1.		TVTSTFG2	"X'20'"
		...1		TVTSTFG3	"X'10'"
		.... 1...		TVTSTFG4	"X'08'"
		.... .1..		TVTSTFG5	"X'04'"
		.... ..1.		TVTSTFG6	"X'02'"
		1		TVTSTFG7	"X'01'"
3024	(BD0)	BITSTRING	1	TVTVS2F1	SUBSYSTEM MODE FLAG
		1...		TVTPRSUB	"X'80'" JES3 IS PRIMARY SUBSYSTEM
		.1..		TVTGLOBL	"X'40'" GLOBAL MODE INDICATOR
		..1.		TVTLOCAL	"X'20'" LOCAL MODE INDICATOR
		.... 1...		TVTVIRT	"X'08'" SYSTEM IS VIRTUAL
		.... .1..		TVTOLDGL	"X'04'" SYSTEM WAS AN OLD GLOBAL

Comment

```
-------------------------------------------------------------
      JESMSGLG Suppression Flags from STANDARDS statement
-------------------------------------------------------------
```

End of Comment

3025	(BD1)	ADDRESS	1	TVTJESMS	JESMSGLG flag (default set to NOTSO)
		1...		TVTJNTSO	"X'80'" TSO JESMSGLG suppression flag
		.1..		TVTJNSTC	"X'40'" STC JESMSGLG suppression flag
		..1.		TVTJNBAT	"X'20'" Batch JESMSGLG suppression flag
3026	(BD2)	BITSTRING	1	TVTCIFLG	FLAG FOR C/I
		1...		TVTCBCLS	"X'80'" CIBATCH=CLASS (STANDARDS)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		TVTCBJOB	"X'40'" CIBATCH=JOB " @WA35670
		..1.		TVTCDCLS	"X'20'" CIDEMAND=CLASS " @WA35670
		...1		TVTCDJOB	"X'10'" CIDEMAND=JOB " @WA35670
		.... 1...		TVTCFR08	"X'08'" RESERVED FLAG
		.... .1..		TVTCFR04	"X'04'" RESERVED FLAG
		.... ..1.		TVTCFR02	"X'02'" RESERVED FLAG
		1		TVTCFR01	"X'01'" RESERVED FLAG
3027	(BD3)	BITSTRING	1	TVTRU320	RESERVED FOR USER

Comment

NOTE: THE TVTFSSID WILL BE ZERO IF NOT EXECUTING
IN AN FSS ADDRESS SPACE

End of Comment

3028	(BD4)	SIGNED	4	TVTFSID (0)	FSS ID
3028	(BD4)	SIGNED	2	TVTFSSID	FSS PORTION OF FSS ID
3030	(BD6)	SIGNED	2	TVTFSAID	FSA PORTION OF FSS ID
3032	(BD8)	BITSTRING	1	TVTFSFLG	FSS FLAG
		1...		TVTFSSAD	"X'80'" EXECUTING IN FSS ADDRESS SPACE
		.1..		TVTCIFSS	"X'40'" CI FSS ADDRESS SPACE
3033	(BD9)	BITSTRING	1	UAVLFLG	UNIT AVAILABLE FLAG
3034	(BDA)	BITSTRING	1	AIOBFECF	IF NON-0, JES BUFS ARE AVAIL
3035	(BDB)	BITSTRING	1	MSGCECF	ECF FOR IATMSGC
		1...		GECFSTAD	"X'80'" STA ADDRESS POST
		.1..		GECFMCON	"X'40'" MAIN CONNECT POST
		..1.		GECFMTRK	"X'20'" MINTRK CLEAR POST

Comment

TVTPTECF MASK IS USED AGAINST TWO FLAG BYTES:
MSGCECF AND TVTPATH

TVTPTECF EQU X'10' SEE BELOW FOR DEFINITION

End of Comment

		.... 1...		GECFJOBN	"X'08'" Job number shortage cleared post
3036	(BDC)	BITSTRING	1	OSEFLAGS	ECF FLAG FOR IATOSDR
		1...		SPINPOST	"X'80'" SPINOFF OUTPUT TO PROCESS
		.1..		OSEOUTPT	"X'40'" NORMAL OUTPUT TO PROCESS
		..1.		OSETIMER	"X'20'" TIMER INTERVAL TO PROCESS
		...1		OSEWTRS	"X'10'" WRITER OUTPUT PENDING
		.... 1...		INITOPS	"X'08'" FIRST OUTSERV POST (BY JSS)
		.... .1..		OSERQWS	"X'04'" SELECTIVE RESQ WTR START
		.... ..1.		OSEWTRSL	"X'02'" START SPECIFIED WTR
3037	(BDD)	BITSTRING	1	TVTRD330 (2)	RESERVED FOR DEVELOPMENT
3039	(BDF)	BITSTRING	1	TVTPATH	ECF FOR VARY PATH

Comment

TVTPTECF MASK IS USED AGAINST TWO FLAG BYTES:
MSGCECF AND TVTPATH

End of Comment

		...1		TVTPTECF	"X'10'" VARY PATH POSTED
3040	(BE0)	SIGNED	4	DECF (0)	JSAM ECF
		1...		DECFIO	"X'80'" POST BIT - JSAM I/O COMPLETE
		.1..		DECFTX	"X'40'" POST BIT - USAM TRACKS REQ
		..1.		DECFER	"X'20'" POST BIT - SPOOL I/O ERROR

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		...1		DECFDR	"X'10'" POST BIT - DDR REQUEST
		.... 1...		DECFSEC	"X'08'" POST BIT - SECONDARY POST

Comment

```
-----------------------------------------------------------
  TVTDRTN AND
  TVTDRDN MASKS ARE BOTH USED AGAINST TWO FLAG BYTES:
        DECF AND TVTDRECF
-----------------------------------------------------------
TVTDRTN EQU X'04' SEE BELOW FOR DEFINITION
TVTDRDN EQU X'02' SEE BELOW FOR DEFINITION
```

End of Comment

		1		DECFBTR	"X'01'" POST BIT - BADTRACK UPDATE
3041	(BE1)	BITSTRING	1	TVTCIECF	IATINAT ECF OF C/I SUBTASK

Comment

```
-----------------------------------------------------------
      DEFINITION OF TVTCIECF (SERIALIZED VIA OIL MACRO)
-----------------------------------------------------------
```

End of Comment

		1...		TVTCIATC	"X'80'" IATIISB C/I SUBTASK ATTACH COMPLETE
		.1..		TVTMSABN	"X'40'" IATIISB MASTER SUBTASK ABENDED
		..1.		TVTFSCIU	"X'20'" IATIICS CI FSS DEMAND SELECT CI SUBTASK IS IN USE
		...1		TVTCFATF	"X'10'" IATINAT CI FSS DEMAND SELECT CI SUBTASK ATTACH FAILURE
		.... 1...		TVTCIR08	"X'08'" RESERVED FLAG
		.... .1..		TVTCIR04	"X'04'" RESERVED FLAG
		.... ..1.		TVTCIR02	"X'02'" RESERVED FLAG
		1		TVTCIR01	"X'01'" RESERVED FLAG
3042	(BE2)	BITSTRING	1	TVTJSFLG	JSAM FCT FLAG
		1...		TVTSPMSG	"X'80'" SPOOL SPACE MESSAGE POST 0582
		.1..		TVTJBMSG	"X'40'" JSAM BUFFER MESSAGE POST 0582
		..1.		TVTJBOUT	"X'20'" JSAM BUFFER MESSAGE ISSUED 0582
		...1		TVTJBUSE	"X'10'" JSAM BUFFER POOL POST
3043	(BE3)	BITSTRING	1	TVTLOECF	LOCATE ECF (USE TVTVRECF NOW)
3043	(BE3)	X'BE3'	0	TVTVRECF	"TVTLOECF,1" VERIFY FCT ECF

Comment

```
-----------------------------------------------------------
      DEFINITION OF TVTVRECF - REPLACES TVTLOECF
-----------------------------------------------------------
```

End of Comment

		1...		LVRRSV80	"X'80'" RESERVED FLAG
		.1..		LVRRSV40	"X'40'" RESERVED FLAG
		..1.		LVRRSV20	"X'20'" RESERVED FLAG
		...1		LVRRSV10	"X'10'" RESERVED FLAG

Comment

```
      EQU X'08' RESERVED FOR (AND RESET IN) IATLVVR
```

End of Comment

		.... .1..		LVRATPST	"X'04'" IATLVVR ATTENTION POST
		.... ..1.		LVRRSPST	"X'02'" IATLVVR RESTART POST
		1		LVRSAPST	"X'01'" IATLVVR STAGING AREA POST
3044	(BE4)	BITSTRING	1	TVTICLK	IATUTIC SUBROUTINE LOCK
3045	(BE5)	BITSTRING	2	TVTRD345	RESERVED FOR DEVELOPMENT 9

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
3047	(BE7)	BITSTRING	1	TVTCECF	CONSOLE SPOOL I/O ECF
		1...		TVTJMSSI	"X'80'" JESMSGLG SSI processing
		.1..		TVTJMJBT	"X'40'" JESMSGLG job termination cleanup
		..1.		TVTJMUPD	"X'20'" JESMSGLG update
3048	(BE8)	BITSTRING	1	TVTRD350	RESERVED FOR DEVELOPMENT
3049	(BE9)	BITSTRING	1	TVTRU350 (3)	RESERVED FOR USER
3052	(BEC)	BITSTRING	1	TVTDRECF	DDR ECF FLAG

Comment

```
-----------------------------------------------------------
  TVTDRTN AND
  TVTDRDN MASKS ARE BOTH USED AGAINST TWO FLAG BYTES:
          DECF AND TVTDRECF
-----------------------------------------------------------
```

End of Comment

		.... .1..		TVTDRTN	"X'04'" TAPE/UR DDR POSTED NORMAL PROC
		.... ..1.		TVTDRDN	"X'02'" DASD DDR NORMAL PROCESSING
		1...		TVTDRTR	"X'80'" TAPE/UR DDR RESTART PROCESSING
		.1..		TVTDRDR	"X'40'" DASD DDR RESTART PROCESSING
3053	(BED)	BITSTRING	1	TVTDRCR	DDR FCT CREATED FLAG

Comment

```
-----------------------------------------------------------
  DEFINITION OF TVTATFLG
-----------------------------------------------------------
```

End of Comment

3054	(BEE)	BITSTRING	1	TVTATFLG	AUX TASKING FLAGS
		1...		TVTATE	"X'80'" AUX TASK ENABLED FOR WORK
		.1..		TVTMTON	"X'40'" MT=ON SPECIFIED IN INISH DECK

Comment

```
-----------------------------------------------------------
  DEFINITION OF TVTFLAG1 (SERIALIZED BY COMP. AND SWAP)
-----------------------------------------------------------
```

End of Comment

3055	(BEF)	BITSTRING	1	TVTFLAG1	WORK FLAGS SERIALIZED BY CS
		1...		TVTUAGET	"X'80'" UNSUCCESSFUL AGETMAIN OCCURRED
		.1..		TVTTSOPS	"X'40'" TSO JES3 REQUEST
		..1.		TVTENST	"X'20'" Enhanced Status

Comment

```
-----------------------------------------------------------
  DEFINITION OF TVTGSWK1
  COMPARE AND SWAP MUST BE USED TO SERIALIZE ACCESS TO
  THESE FLAGS
-----------------------------------------------------------
```

End of Comment

3056	(BF0)	BITSTRING	1	TVTGSWK1	ECF FOR GENERAL SERVICE DSP
		1...		TVTGSPFD	"X'80'" PENDING FAILDSP REQUEST
		.1..		TVTGSATT	"X'40'" ATTACH ATDE REQUEST
		..1.		TVTGSDET	"X'20'" DETACH ATDE REQUEST
		...1		TVTGSAGP	"X'10'" AGETMAIN POSTING RESQUEST
		.... 1...		TVTGSSAT	"X'08'" STOP AUXTASK FOR MODIFY,MT
		.... .1..		TVTGSSWM	"X'04'" Switch IATXSUSP mask

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

				DEFINITION OF TVTSTUSR	

				End of Comment	
3057	(BF1)	BITSTRING	1	TVTSTUSR	ABEND SER. RTN. USER FLAGS
		1...		TVTSSNUC	"X'80'" IATNUC TASK GET/REL RESOURCE
		.1..		TVTSSAUX	"X'40'" IATAUX TASK GET/REL RESOURCE
		1		TVTSSDST	"X'01'" DSP MODIFIER FOR USE OF RESOURCE.
3057	(BF1)	X'81'	0	TVTSSDSP	"(TVTSSNUC+TVTSSDST)"
3058	(BF2)	BITSTRING	1	TVTSTLOC	ABEND SER. RTN. LOCK BYTE
				Comment	

				DEFINITION OF TVTDJFLG FLAG BYTE	

				End of Comment	
3059	(BF3)	BITSTRING	1	TVTDJFLG	DJ FLAG BYTE
		1...		TVTDJRST	"X'80'" FLAG RESET IN PROCESS
3060	(BF4)	BITSTRING	1	TVTGRFLG	GENERAL ROUTINES FLAGS
				Comment	

				DEFINITION OF TVTGRFLG	

				End of Comment	
		1...		TVTGRJQE	"X'80'" IATGRJX JQE'S AVAILABLE
		.1..		TVTJNRET	"X'40'" IATGRJN JOB NUMBER RETURNED(AVAIL)
		..1.		TVTDPJBN	"X'20'" DUPJOBNM=YES
3061	(BF5)	BITSTRING	1	TVTFLAG2	TVT FLAG TWO
				Comment	

				DEFINITION OF TVTFLAG2	

				End of Comment	
		1...		TVTSMS	"X'80'" IATINMD SMS IS INSTALLED ON THIS PROCESSOR
		.1..		TVTSMSCX	"X'40'" IATMSR2 SMS IS ACTIVE IN COMPLEX 0260
		..1.		TVTAUTOR	"X'20'" JES3 is in auto-restart mode (i.e. it is restarting automatically)
		...1		TVTRF210	"X'10'" RESERVED FLAG
		.... 1...		TVTRF208	"X'08'" RESERVED FLAG
		.... .1..		TVTRF204	"X'04'" RESERVED FLAG
		.... ..1.		TVTRF202	"X'02'" RESERVED FLAG
		1		TVTRF201	"X'01'" RESERVED FLAG
3062	(BF6)	BITSTRING	1	TVTRS360 (6)	RESERVED FOR SERVICE
3068	(BFC)	BITSTRING	1	TVTCDECF	CI DRIVER ECF
				Comment	

				DEFINITION OF TVTCDECF	

				End of Comment	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		TVTCNSAP	"X'80'" CONSOLE APPENDAGE POST
		.1..		TVTFSSCM	"X'40'" FSS COMMUNICATION POST (STAR)
		..1.		TVTFSSTA	"X'20'" FSS STATUS CHANGE POST
		...1		TVTSCPSC	"X'10'" SCHEDULE POSTSCAN POST
		.... 1...		TVTPRCEN	"X'08'" PROCLIB ENABLE POST
		.... .1..		TVTPRCDS	"X'04'" PROCLIB DISABLE POST

Comment

COUNTER FOR NUMBER OF OUT-MODE DJ DSP ACTIVE IN THE SYSTEM

End of Comment

3069	(BFD)	BITSTRING	1	TVTDJOCT	NUMBER OF OUT-MODE DJ DSPS
3070	(BFE)	BITSTRING	1	TVTRS370	RESERVED FOR SERVICE
3071	(BFF)	BITSTRING	1	TVTRU370	RESERVED FOR USER

Comment

MISCELLANEOUS AND UNIVERSAL CONSTANTS

End of Comment

3072	(C00)	CHARACTER	8	JOBCLS	DEFAULT JOB CLASS NAME
3080	(C08)	CHARACTER	8	JOBGRP	DEFAULT JOB GROUP NAME
3088	(C10)	CHARACTER	8	NJPNAME	SET BY IATINCH NAME OF LOCAL NJP TERMINAL
3096	(C18)	BITSTRING	4	TVTRM80	CONSTANT FOR SETTING HI-ORD BIT
3096	(C18)	X'C18'	0	TVTHOBON	"TVTRM80,4"
3100	(C1C)	CHARACTER	8	TVTFSSIN	SET BY IATINIT-FSS INITIALIZATION MODULE
3108	(C24)	CHARACTER	4	TVTSSNM	SET BY IATINIT-SUBSYSTEM NAME
3112	(C28)	SIGNED	4	TVTFSECB	FSS MAIN ECB
3116	(C2C)	CHARACTER	43	ACCTDFLT (0)	DEFAULT ACCT'G
3159	(C57)	BITSTRING	1	AIOFDPRY	LOWEST PRIORITY ON JSAM FD
3160	(C58)	BITSTRING	1	TVTRS375	RESERVED FOR SERVICE
3161	(C59)	BITSTRING	1	CONSUBPL	CONSOLE BUFFER SUBPOOL VALUE
3162	(C5A)	BITSTRING	1	TVTRD360	RESERVED FOR DEVELOPMENT
3163	(C5B)	CHARACTER	1	JOBFAIL	SET BY IATINCH STANDARDS,JOBFAIL=RESTART
3164	(C5C)	BITSTRING	1	JOBPRTY	STANDARDS,PRTY=0
3165	(C5D)	CHARACTER	4	JOBSQSIZ	STANDARDS,SQS=3K
3169	(C61)	CHARACTER	1	STEPCHK	STANDARDS,JOBSTEP=NOCHKPNT
3170	(C62)	CHARACTER	1	TDBGCLSS	STANDARDS,DBGCLASS=A
3171	(C63)	ADDRESS	1	TVTRAGNO	IATINDEV USAM record allocation count
3172	(C64)	BITSTRING	1	TVTSMFFO	SET BY IATINIC SMF FG OPTIONS THIS CPU
3173	(C65)	BITSTRING	1	TVTSMFOP	SET BY IATINIC SMF BG OPTIONS THIS CPU
3174	(C66)	CHARACTER	2	TVTTSOPM	IATINCH DEFAULT TSO PARM ID FOR CI
3176	(C68)	CHARACTER	2	TVTSTCPM	IATINCH DEFAULT STC PARM ID FOR CI
3178	(C6A)	CHARACTER	2	TVTINTPM	IATINCH DEF INT RDR PARM ID FOR CI
3180	(C6C)	CHARACTER	2	TVTINTPR	IATINCH DEF INT RDR PROC ID FOR CI
3182	(C6E)	CHARACTER	2	TVTTSOPR	IATINCH DEFAULT TSO PROC ID FOR CI
3184	(C70)	CHARACTER	2	TVTSTCPR	IATINCH DEFAULT STC PROC ID FOR CI
3186	(C72)	BITSTRING	1	TVTJDENO	IATGRLD # OF JDE BLOCKS INITIALIZED
3187	(C73)	BITSTRING	1	TVTRS380	RESERVED FOR SERVICE
3188	(C74)	BITSTRING	4	TVTHWMSK	CONSTANT FOR HALFWORD MASK
3192	(C78)	SIGNED	4	TVTADMSK (0)	CONSTANT FOR ADDRESS MASK
3196	(C7C)	CHARACTER	16	TVTHXCHR	HEXADECIMAL CHARACTERS
3212	(C8C)	BITSTRING	12	TVTZEROX	CONSTANT ZEROS (3 FULL WORD)
3212	(C8C)	X'C8C'	0	TVTZERO	"TVTZEROX,8" CONSTANT ZEROS
3224	(C98)	SIGNED	4	TVTONE	CONSTANT FULL WORD = 1
3228	(C9C)	CHARACTER	8	TVTBLANK	CONSTANT BLANKS
3236	(CA4)	BITSTRING	8	TVTRMFF	CONSTANT 'FF'S
3236	(CA4)	X'CA8'	0	TVTRM7F	"TVTRMFF+4" CONSTANT '7F'S
3236	(CA4)	X'2'	0	TVTBTJST	"2" CSBT THRESHOLD FOR JST

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3236	(CA4)	X'A'	0	TVTBTJDS	"10" CSBT THRESHOLD FOR JDS
3236	(CA4)	X'2'	0	TVTTJDSA	"2" CSBT THRESHOLD FOR APPC JDS
3244	(CAC)	ADDRESS	4	TVTCSCP	CHAINED SRF CELL POOL PTR
3248	(CB0)	ADDRESS	4	TVTALETA	"V(TVTALET)" ADDRESS OF A 64 BYTE FIELD THAT IS USED TO INITIALIZE ALL OF THE ACCESS REGISTERS WITH THE ACCESS LIST ENTRY (ALET) OF THE PRIMARY ADDRESS SPACE
3252	(CB4)	ADDRESS	4	TVTRJPCP	RJP Cell Pool Pointer
3256	(CB8)	SIGNED	4	TVTJDDLM	IATINSTD Job SYSIN DD statement lmt
3260	(CBC)	SIGNED	4	TVTRU390 (4)	RESERVED FOR USER

Comment

```
-------------------------------------------------------------
                END OF
     MISCELLANEOUS AND UNIVERSAL CONSTANTS
-------------------------------------------------------------
```

End of Comment

3276	(CCC)	SIGNED	4	(0)	- BEGINNING OF NJE UPDATE

Comment

```
------------------------------------------------------------- 0
     THE VALUE DEFINED IN THE FOLLOWING FIELD IS ALSO 0
     USED IN IATINGN TO RESET TO THE DEFAULT VALUE. ANY 0
     CHANGE IN THE DEFAULT VALUE HERE MUST ALSO BE MADE 0
     IN IATINGN. 0
------------------------------------------------------------- 0
```

End of Comment

3276	(CCC)	CHARACTER	8	HOMENODE	- HOME (LOCAL) NODE ID
3284	(CD4)	ADDRESS	4	ANJETBL	- PTR TO NJE NODE TABLE
3288	(CD8)	SIGNED	4	TVTRD403 (2)	Reserved for Developemmt
3296	(CE0)	ADDRESS	4	ANJESRCH	"V(IATXNTS)" - ADDRESS OF NJE TABLE SEARCH
3300	(CE4)	ADDRESS	4	ANJECHKS	"V(CHECKSWB)" ADDRESS OF CHECKSWB ROUTINE
3304	(CE8)	ADDRESS	4	DSPNJESN	"V(NJESND)" - DSP DICT ENTRY FOR NJESND
3308	(CEC)	ADDRESS	4	DSPNJESF	"V(NJESF)" - DSP DICT ENTRY FOR NJESF
3312	(CF0)	SIGNED	2	TVTRD405	- RESERVED FOR DEVELOPMENT
3314	(CF2)	BITSTRING	1	TVTRD410 (2)	- RESERVED FOR DEVELOPMENT 0133
3316	(CF4)	BITSTRING	1	TVTNJEF1	NJE FLAG BYTE 1 0133

Comment

```
------------------------------------------------------------- 0
     DEFINITION OF NJE FLAG BYTE 1 0
------------------------------------------------------------- 0
```

End of Comment

1...	TVTNJEOK	"X'80'" NETWORK DEFINITION VALID 0133
.1..	TVTRFN40	"X'40'" RESERVED FLAG 0133
..1.	TVTRFN20	"X'20'" RESERVED FLAG 0133
...1	TVTRFN10	"X'10'" RESERVED FLAG 0133
.... 1...	TVTRFN08	"X'08'" RESERVED FLAG 0133
.... .1..	TVTRFN04	"X'04'" RESERVED FLAG 0133
.... ..1.	TVTRFN02	"X'02'" RESERVED FLAG 0133
....1	TVTRFN01	"X'01'" RESERVED FLAG 0133

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- DEFINITION OF JCL LIMIT VALUES BY SYSTEM AND JOB ----------
				End of Comment	
3317	(CF5)	BITSTRING	1	TVTJLFLG	IATIISB JCL STATEMENT FLAG
		1...		TVTQBIT	"X'80'" JCL STATEMENT QUIESCE BIT
		.1..		TVTDDINB	"X'40'" SYSIN DD stmnt limit set
3318	(CF6)	SIGNED	2	TVTRU410	RESERVED FOR USER
3320	(CF8)	SIGNED	4	TVTADSLM	INCH,MODX ADDRESS SPACE JCL LIMIT
3324	(CFC)	SIGNED	4	TVTSYCNT	IISB,IIDR JCL STATEMENT ADDR SPACE COUNT
3328	(D00)	SIGNED	4	TVTJOBLM	INCH,MODX JOB JCL STATEMENT LIMIT
				Comment	
					---------- FSS NAME AND ASID FOR IATXIWT, WTO, ETC.. ----------
				End of Comment	
3332	(D04)	ADDRESS	1	TVTFSMSL	LENGTH OF FSS MESSAGE
3332	(D04)	X'D05'	0	TVTFSMSS	"*" START OF FSS MESSAGE
3333	(D05)	CHARACTER	4		
3337	(D09)	CHARACTER	8	TVTFSSNM	SET BY INIT FSS NAME, FROM START COMMAND
3345	(D11)	CHARACTER	7		
3352	(D18)	CHARACTER	4	TVTEASID	SET BY INIT ASID, FROM START COMMAND
3352	(D18)	X'D1C'	0	TVTFSMSE	"*" END OF FSS MESSAGE
3333	(D05)	CHARACTER	23	TVTFSMSG	POINTER TO ENTIRE MESSAGE
3356	(D1C)	BITSTRING	12	TVTSNFDB	SNANJE CKPT ROOT FDB
3368	(D28)	ADDRESS	4	TVTBDCDA	ADDRESS OF IATBDCD DATA CSECT
3372	(D2C)	ADDRESS	4	TVTBCOMM	"V(BDTCOMM)" ADDRESS OF BDTCOMM FCT ENTRY
3376	(D30)	SIGNED	4	TVTRD420	RESERVED FOR DEVELOPMENT
3380	(D34)	SIGNED	4	TVTRS420 (12)	RESERVED FOR SERVICE
				Comment	
					BULK DATA TRANSFER (BDT) DATA AREA AND SNA NJE DATA AREA
				End of Comment	
3428	(D64)	ADDRESS	4	TVTRU430 (10)	RESERVED FOR USER
3468	(D8C)	SIGNED	2	TVTRD425	RESERVED FOR DEVELOPMENT
				Comment	
					---------- DEFINITION OF TVTBFLG1 ----------
				End of Comment	
3470	(D8E)	BITSTRING	1	TVTBFLG1	SNA NJE FLAG 1
		1...		TVTBNFG	"X'80'" BDT NOW FUNCTIONING GOOD (BDT UP AND OPERATIONAL)
3471	(D8F)	BITSTRING	1	TVTRD430	RESERVED FOR DEVELOPMENT
3472	(D90)	ADDRESS	4	TVTBDUMY	BDT DUMMY CONSOLE ENTRY ADDR
3476	(D94)	ADDRESS	4	TVTBSCT	BDT SUBSYSTEM COMM TABLES
3480	(D98)	ADDRESS	4	TVTBREC	"V(RECDSP)" IATOSBM OUTPUT SERVICE/SNA NJE RECOVERY DSP
3484	(D9C)	CHARACTER	8	TVTSYSID	BDT DEFAULT SYSID

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		---------- DEFINITION OF TVTBECF ----------			
				End of Comment	
3492	(DA4)	BITSTRING	1	TVTBECF	BDT SUBSYSTEM ECF
		1111		TVTBMSK	"X'F0'" ECF MASK FOR AWAIT
		1...		TVTBCMD	"X'80'" BDT COMMAND BUFFERED
		.1..		TVTBCMDQ	"X'40'" BDT COMMAND QUEUED
		..1.		TVTBRSV1	"X'20'" Reserved flag
		...1		TVTBJCRQ	"X'10'" JES3 COMMAND RESPONSE QUEUED
				Comment	
		---------- DEFINITION OF TVTBECFN ----------			
				End of Comment	
3493	(DA5)	BITSTRING	1	TVTBECFN	SNA NJE ECF
		111. .1..		TVTBNMSK	"X'E4'" ECF MASK FOR AWAIT
		1...		TVTBNJET	"X'80'" SNA NJE TRANSACTION QUEUED
		.1..		TVTBONMR	"X'40'" SNA NJE OUTBOUND NMR QUEUED
		..1.		TVTBRECC	"X'20'" IATOSDR RECOVERY COMPLETE
		...1		TVTRD460	"X'10'" Reserved Flag
		.... 1...		TVTRD465	"X'08'" Reserved Flag
		.... .1..		TVTBEND	"X'04'" BDT EOJ (POSTED BY MSMS)
				Comment	
		---------- DEFINITION OF TVTBECFS -- This Byte is used as an ECF for the DESTINATION Q's for function codes 62 and 63 (the "BDT Subsystem Q" and the "BDT Staging Area Shuttle Q"). The manipulation of the DEST Q (Adding and Deleting of Staging Areas) and the Posting of the related ECB are done outside of and within the JES3 Address space. Therefore, ANY bit used in the following Byte MUST be serialized on (ie. Use OIL, NIL, or equivalent Compare-and-Swap logic). ----------			
				End of Comment	
3494	(DA6)	BITSTRING	1	TVTBECFS	SNA NJE ECF (Serialized)
		11..		TVTBSMSK	"X'C0'" SNA NJE ECF Mask
		1...		TVTBSSA	"X'80'" BDT Shuttle Staging Area
		.1..		TVTBSSIR	"X'40'" Subsystem Interface Request
		..11 1111		TVTRD480	"X'3F'" Reserved Bits
3495	(DA7)	BITSTRING	1	TVTRS480	Reserved for Service
3496	(DA8)	SIGNED	4	(3)	
3508	(DB4)	BITSTRING	1	(3)	MUST BE ZEROS
3511	(DB7)	BITSTRING	1		MASK BITS USED IN SNA NJE ECF
3512	(DB8)	DBL WORD	8	TVTEND (0)	END OF TABLE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description

Comment

```
-----------------------------------------------------------------
            RESOURCE EQUATES
-----------------------------------------------------------------
         JES3 Resource Table
   $RW=WLMBATCH HJS6608 980813 PD0DR: OS2.8.0
-----------------------------------------------------------------
            RESOURCE NAMES
-----------------------------------------------------------------
       NOTE: RESOURCE NAMES INDEXED BY PRIORITY,
       MUST BE SPECIFIED SEQUENTIALLY TO INSURE CORRECT
       OPERATION OF THE AENQ, ADEQ, ATEST ROUTINES.
-----------------------------------------------------------------
, IATYRSC NAMES=(RQ,
, DLQ,
, JNCBCTL,
, SYSUNIT,
, CHKPNT,
, WTD,
, FCT,
, PRO,
, SNARMVCB,
, ICT,
, LCLJNEWS,
, RJPJNEWS,
, TSOJNEWS,
, FSSCKPT,
, GMSCKPT,
, JQEPTY0,
, JQEPTY1,
, JQEPTY2,
, JQEPTY3,
, JQEPTY4,
, JQEPTY5,
, JQEPTY6,
, JQEPTY7,
, JQEPTY8,
, JQEPTY9,
, JQEPTY10,
, JQEPTY11,
, JQEPTY12,
, JQEPTY13,
, JQEPTY14,
, JQEPTY15)
```

End of Comment

3512	(DB8)	X'0'	0	RQ	"0"
3512	(DB8)	X'1'	0	DLQ	"1"
3512	(DB8)	X'2'	0	JNCBCTL	"2"
3512	(DB8)	X'3'	0	SYSUNIT	"3"
3512	(DB8)	X'4'	0	CHKPNT	"4"
3512	(DB8)	X'5'	0	WTD	"5"
3512	(DB8)	X'6'	0	FCT	"6"
3512	(DB8)	X'7'	0	PRO	"7"
3512	(DB8)	X'8'	0	SNARMVCB	"8"
3512	(DB8)	X'9'	0	ICT	"9"
3512	(DB8)	X'A'	0	LCLJNEWS	"10"
3512	(DB8)	X'B'	0	RJPJNEWS	"11"
3512	(DB8)	X'C'	0	TSOJNEWS	"12"
3512	(DB8)	X'D'	0	FSSCKPT	"13"
3512	(DB8)	X'E'	0	GMSCKPT	"14"
3512	(DB8)	X'F'	0	JQEPTY0	"15"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3512	(DB8)	X'10'	0	JQEPTY1	"16"
3512	(DB8)	X'11'	0	JQEPTY2	"17"
3512	(DB8)	X'12'	0	JQEPTY3	"18"
3512	(DB8)	X'13'	0	JQEPTY4	"19"
3512	(DB8)	X'14'	0	JQEPTY5	"20"
3512	(DB8)	X'15'	0	JQEPTY6	"21"
3512	(DB8)	X'16'	0	JQEPTY7	"22"
3512	(DB8)	X'17'	0	JQEPTY8	"23"
3512	(DB8)	X'18'	0	JQEPTY9	"24"
3512	(DB8)	X'19'	0	JQEPTY10	"25"
3512	(DB8)	X'1A'	0	JQEPTY11	"26"
3512	(DB8)	X'1B'	0	JQEPTY12	"27"
3512	(DB8)	X'1C'	0	JQEPTY13	"28"
3512	(DB8)	X'1D'	0	JQEPTY14	"29"
3512	(DB8)	X'1E'	0	JQEPTY15	"30"
3512	(DB8)	X'1F'	0	ARNAMES	"31" NUMBER OF RESOURCES

Comment

```
------------------------------------------------------------
      RESOURCE MANAGEMENT FUNCTION VALUES
------------------------------------------------------------
```

End of Comment

3512	(DB8)	X'0'	0	RSCNOWAT	"0" NO WAIT
3512	(DB8)	X'4'	0	RSCWAIT	"4" BUSY=WAIT
3512	(DB8)	X'8'	0	RSCNOFCT	"8" NO FCT
3512	(DB8)	X'C'	0	RSCFCT	"12" FCT
3512	(DB8)	X'10'	0	RSCTTEST	"16" TYPE=TEST
3512	(DB8)	X'14'	0	RSCTFCT	"20" TYPE=FCT
3512	(DB8)	X'18'	0	RSCTWAIT	"24" TYPE=TEST, BUSY=WAIT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYTVTX	IATYTVTX.27: Fixed TVT extension

Comment

```
            JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
   $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

End of Comment

0	(0)	CHARACTER	8	TVTFID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	20	TVTF_EYE_CATCHER	0108 0108
56	(38)	SIGNED	4	TVTFVERS	IATYTVTX.242: Current version of the control block
60	(3C)	ADDRESS	4	TVTTVTF	IATYTVTX.248: Pointer to the primary extension of the TVT
64	(40)	ADDRESS	4	TVTFCTVT	IATYTVTX.254: Pointer to the checkpointable extension of the TVT
68	(44)	SIGNED	4	TVTFLEN	IATYTVTX.260: Dynamic length of the TVT fixed extension
72	(48)	CHARACTER	94	DUMYCNDB	IATYTVTX.269: The CNDB for the DUMMY console
166	(A6)	SIGNED	2		IATYTVTX.97: Reserved for Developement
168	(A8)	ADDRESS	4	TVTXM702	IATYTVTX.275: Address of MVS WPL to WPX conversion routine (IEAVM702) - set by IATINIT
172	(AC)	ADDRESS	4	TVTXM703	IATYTVTX.281: Address of multi-line WTO text extraction routine (IEAVM703) - set by IATINIT

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
176	(B0)	ADDRESS	4	TVTXSST	IATYTVTX.287: Security Subtask comunication table, address is resolved by IATGRSS
180	(B4)	SIGNED	4	TVTXSSEV	IATYTVTX.293: Security Subtask initialization complete ECB
184	(B8)	ADDRESS	4	TVTXSSTB	IATYTVTX.299: Security Subtask TCB address
188	(BC)	ADDRESS	4	TVTXGSG	"V(GSGSTART)" IATYTVTX.305: Address of Generalized Subtask Global Data Area (GSG) - within module IATGRGS
192	(C0)	SIGNED	4	TVTXJXGT	IATYTVTX.19: JESXCF Group Token
196	(C4)	SIGNED	4	TVTXITRC	Pointer to the Internal Trace Table 0027 header 0027

Comment

AHED fields are defined as zeroed constants to ensure
the storage for these fields is initially set to zeroes.

End of Comment

200	(C8)	DBL WORD	8	TVTXAHED (0)	IATYTVTX.311: Stack head for automatic area stack
200	(C8)	SIGNED	4	AHED_SEQUENCE	IATYAHED.93: CDS Sequence number
204	(CC)	ADDRESS	4	AHED_ANCHOR	IATYAHED.99: Pointer to head of stack
208	(D0)	ADDRESS	4	AHED_TOTAL	IATYAHED.108: The total number of buffers allocated
212	(D4)	ADDRESS	4	AHED_FREE	IATYAHED.114: Number of free buffers
216	(D8)	ADDRESS	4	TVTXCS03	"V(IATCS03)" Pointer to the callable service that returns the type of console
220	(DC)	ADDRESS	4	TVTXCS06	"V(IATCS06)" Pointer to the callable service that converts destination class to route code mask
224	(E0)	ADDRESS	4	TVTXCS07	"V(IATCS07)" Pointer to the callable service that converts route code to route code mask
228	(E4)	ADDRESS	4	TVTXCS08	"V(IATCS08)" Pointer to the callable service that converts destination class to a route value
232	(E8)	ADDRESS	4	TVTXCS09	"V(IATCS09)" Pointer to the callable service that converts destination class (Mask displacement) to a route code mask
236	(EC)	ADDRESS	4	TVTXCS10	"V(IATCS10)" Pointer to the callable service that converts route code mask to a route code string
240	(F0)	ADDRESS	4	TVTXCS11	"V(IATCS11)" Pointer to the callable service that converts route code mask to a destination class string
244	(F4)	ADDRESS	4	TVTXCS12	"V(IATCS12)" Pointer to the callable service that selects a route code from a route code mask and converts it to a dest class
248	(F8)	ADDRESS	4	TVTXRJPC	"V(RJPCALRT)" Pointer to the RJP ALERTECB SRB routine which JESXCF schedules when an workstation has crossed the message threshold
252	(FC)	ADDRESS	4	TVTXWLM	WLM Data Area address
256	(100)	ADDRESS	4	TVTXWCLF	"V(WLMCLSFY)" Address of the IATXWCLF service routine in IATWLCLF
260	(104)	ADDRESS	4	TVTXWSRV	"V(WLMSERV)" Address of the IATXWLM service routine in IATWLSRV
264	(108)	ADDRESS	4	TVTXSCSV	"V(SRVCSERV)" Address of the IATXSRVC service routine in IATWLSCS
268	(10C)	ADDRESS	4	TVTXDELY	"V(JOBDELAY)" Address of the IATXDELY service routine in IATGRDLY
272	(110)	ADDRESS	4	TVTXGENF	"V(GENFSERV)" Address of the IATXGENF service routine in IATGRGPF
276	(114)	ADDRESS	4	TVTXGPDS	"V(GENERALP)" Address of the General Purpose DSP dictionary entry
280	(118)	ADDRESS	4	TVTXWSEL	"V(WLMSLECT)" Address of WLM Job Select routine in IATMSWLS
284	(11C)	ADDRESS	4	TVTXWDSL	"V(WLMDESEL)" Address of WLM Deselect routine in IATMSWLD
288	(120)	ADDRESS	4	TVTXJSPC	"V(DMTKJSPC)" Address of Job Spool Partition Check routine in IATDMTK
292	(124)	ADDRESS	4	TVTX_CLSHADIN	"V(MSCCCLSI)" Address of Class Limit Shadow initialization routine in IATMSCC

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
296	(128)	ADDRESS	4	TVTX_CLSHADRE	"V(MSCCCLSR)" Address of Class Limit Shadow re-initialization routine in IATMSCC
300	(12C)	ADDRESS	4	TVTX_CLSHADUP	"V(MSCCCLUP)" Address of Class Limit Shadow update routine in IATMSCC
304	(130)	ADDRESS	4	TVTX_CLSDLYUP	"V(MSCCDLYU)" Address of Class Limit delay update routine in IATMSCC
308	(134)	ADDRESS	4	TVTX_CLSMODUP	"V(MSCCMODU)" Address of Class Constraint modify update routine in IATMSCC
312	(138)	ADDRESS	4	TVTXSSCR	"V(SCHEDCR)" Address of the IATXSSCR service routine in IATMSSCR
316	(13C)	ADDRESS	4	TVTX_LCLCMSLK	"V(LCLCMSLK)" Address of local/CMS lock service routine in IATGRG1
320	(140)	ADDRESS	4	TVTXATR	ATR chain address
320	(140)	X'1'	0	TVTF313	"1" IATYTVTX.143: Equate for HJS3313
320	(140)	X'2'	0	TVTF511	"2" IATYTVTX.152: Equate for HJS5511
324	(144)	ADDRESS	4	TVTX_MPUNITS (0)	Copies of MPUNITS
452	(1C4)	ADDRESS	4	TVTX_MPSETTRE (0)	Copies of MPSETTRE
452	(1C4)	X'244'	0	IATYTVTX_LEN	"*-IATYTVTX"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYTVTC	IATYTVTC.176: TVT Checkpointed extension

Comment

JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
$RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0

End of Comment

0	(0)	CHARACTER	8	TVTCID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	28	TVTCEYE	0108 0108
64	(40)	SIGNED	4	TVTCVERS	IATYTVTC.27: Current version of the control block
68	(44)	ADDRESS	4	TVTTVTC	IATYTVTC.37: Pointer to the primary extension of the TVT
72	(48)	ADDRESS	4	TVTCFTVT	IATYTVTC.34: Pointer to the fixed extension of the TVT
76	(4C)	SIGNED	4	TVTCLEN	IATYTVTC.131: Dynamic length of the TVT fixed extension

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description

Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
     Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT Name: IATYCNDB
      --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
     contains information related to the destination that
     messages should be sent to. This control block is built
     as commands are entered into to the system and is used by
     command processors as a destination for where to return
     messages to. The control block is imbeded in other
     control blocks and the size of the data area must not
     change (otherwise a JES3 cold start is required). The
     data is referenced by non-source maintained modules, so
     offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbeded within other control blocks
02 Serialization: none
01 EXTERNAL CLASSIFICATION: DMTI
01 END OF EXTERNAL CLASSIFICATION:
01 Distribution Library: AJES3MAC
01 Method Of access:
02 ASM: IATYCNDB
02 PLX: %INCLUDE SYSLIB(IATYCNDB)
01 CHANGE ACTIVITY:
```

```
    $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
    $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
     CASE/390 - VERSION 49
  END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
80	(50)	SIGNED	4	TVTCNJEM (0)	IATYCNDB.27: based variable for storage mapping
80	(50)	SIGNED	4		Four byte console id 0176
84	(54)	CHARACTER	4		IATYCNDB eyecatcher
88	(58)	ADDRESS	4		IATYCNDB version
92	(5C)	BITSTRING	8		Reserved for development
100	(64)	BITSTRING	8		Console Name 0176
108	(6C)	BITSTRING	24		Reserved for development
132	(84)	SIGNED	2		Reserved for development
134	(86)	BITSTRING	40		Reserved for development class

Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
     Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT Name: IATYCNDB
      --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
     contains information related to the destination that
     messages should be sent to. This control block is built
     as commands are entered into to the system and is used by
     command processors as a destination for where to return
     messages to. The control block is imbeded in other
     control blocks and the size of the data area must not
     change (otherwise a JES3 cold start is required). The
     data is referenced by non-source maintained modules, so
     offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
```

```
  02 Virtual Storage: 94
  02 Auxiliary Storage: 94
  02 Subpool: n/a
  02 Key: 1
  02 Data Space: N/A
  02 Residency: any
  02 Frequency: n/a
  02 Size: 94
  02 Created by: n/a
  02 Deleted by: n/a
  02 Pointed to by: Imbeded within other control blocks
  02 Serialization: none
  01 EXTERNAL CLASSIFICATION: DMTI
  01 END OF EXTERNAL CLASSIFICATION:
  01 Distribution Library: AJES3MAC
  01 Method Of access:
  02 ASM: IATYCNDB
  02 PLX: %INCLUDE SYSLIB(IATYCNDB)
  01 CHANGE ACTIVITY:
     $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
     $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
176	(B0)	SIGNED	4	TVTCBDTM (0)	IATYCNDB.27: based variable for storage mapping
176	(B0)	SIGNED	4		Four byte console id 0176
180	(B4)	CHARACTER	4		IATYCNDB eyecatcher
184	(B8)	ADDRESS	4		IATYCNDB version
188	(BC)	BITSTRING	8		Reserved for development
196	(C4)	BITSTRING	8		Console Name 0176
204	(CC)	BITSTRING	24		Reserved for development
228	(E4)	SIGNED	2		Reserved for development
230	(E6)	BITSTRING	40		Reserved for development class
270	(10E)	CHARACTER	256	TVTCRD01	IATYTVTC.158: Reserved for Develop.
526	(20E)	CHARACTER	256	TVTCRD02	IATYTVTC.189: Reserved for Develop.
782	(30E)	CHARACTER	256	TVTCRD03	IATYTVTC.212: Reserved for Develop.
1038	(40E)	CHARACTER	256	TVTCRD04	IATYTVTC.147: Reserved for Develop.
1294	(50E)	CHARACTER	256	TVTCRS01	IATYTVTC.167: Reserved for Service.
1550	(60E)	CHARACTER	256	TVTCRS02	IATYTVTC.1: Reserved for Service.
1806	(70E)	CHARACTER	256	TVTCRS03	IATYTVTC.215: Reserved for Service.
2062	(80E)	CHARACTER	256	TVTCRS04	IATYTVTC.173: Reserved for Service.
2062	(80E)	X'1'	0	TVTC313	"1" IATYTVTC.203: Equate for HJS3313
2318	(90E)	X'90E'	0	IATYTVTC_LEN	"*-IATYTVTC"

Comment

```
      IATYFDB FILE DESCRIPTION BLOCK
        THE FDB HAS BEEN PREVIOUSLY GENERATED
      IATYITXT FUNC=EQUATES Intermediate text file ids
        Intermediate Text File Identifiers
01 Change Activity:
  $RX= OS280 HJS6608 990202 PD0TN: OS 2.8.0 0
```

End of Comment

Comment

```
,SETUNITS
```

End of Comment

	....	...1		ITXSETUN	"X'1'" Intermediate text file id

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,SUPUNITS					
				End of Comment	
		.... ..1.		ITXSUPUN	"X'2'" Intermediate text file id
				Comment	
,SYSOUT CLASS					
				End of Comment	
		11		ITXSYSOT	"X'3'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		.... .1..		ITXRSD01	"X'4'" Intermediate text file id
				Comment	
,DEADLINE					
				End of Comment	
		.... .1.1		ITXDEADL	"X'5'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		.... .11.		ITXRSD02	"X'6'" Intermediate text file id
				Comment	
,REMOTE CONSOLE					
				End of Comment	
		.... .111		ITXRMTCN	"X'7'" Intermediate text file id
				Comment	
,RESDSN					
				End of Comment	
		.... 1...		ITXRESDS	"X'8'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		.... 1..1		ITXRSD03	"X'9'" Intermediate text file id
				Comment	
,SETPARAM					
				End of Comment	
		.... 1.1.		ITXSETPA	"X'A'" Intermediate text file id

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,SETNAME					
				End of Comment	
		.... 1.11		ITXSETNM	"X'B'" Intermediate text file id
				Comment	
,MAINPROC, GROUP, CLASS					
				End of Comment	
		.... 11..		ITXMAINP	"X'C'" Intermediate text file id
				Comment	
,CLASS INFO, SELECT, GROUP EXRESC					
				End of Comment	
		.... 11.1		ITXCLASS	"X'D'" Intermediate text file id
				Comment	
,RJPLINE					
				End of Comment	
		.... 111.		ITXRJPLN	"X'E'" Intermediate text file id
				Comment	
,CONSTD					
				End of Comment	
		 1111		ITXCONST	"X'F'" Intermediate text file id
				Comment	
,RJPTERM					
				End of Comment	
		...1		ITXRJPTM	"X'10'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		...1 ...1		ITXRSD04	"X'11'" Intermediate text file id
				Comment	
,CIPARM					
				End of Comment	
		...1 ..1.		ITXCIPRM	"X'12'" Intermediate text file id
				Comment	
,MSGROUTE					
				End of Comment	
		...1 ..11		ITXMSGRT	"X'13'" Intermediate text file id

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,SETACC					
				End of Comment	
		...1 .1..		ITXSETAC	"X'14'" Intermediate text file id
				Comment	
,SETRES					
				End of Comment	
		...1 .1.1		ITXSETRS	"X'15'" Intermediate text file id
				Comment	
,HWSNAME					
				End of Comment	
		...1 .11.		ITXHWSNM	"X'16'" Intermediate text file id
				Comment	
,DEVICE FENCE (EXRESC, DEVPOOL)					
				End of Comment	
		...1 .111		ITXDVFNC	"X'17'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		...1 1...		ITXRSD05	"X'18'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		...1 1..1		ITXRSD06	"X'19'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		...1 1.1.		ITXRSD07	"X'1A'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		...1 1.11		ITXRSD08	"X'1B'" Intermediate text file id
				Comment	
,RJPWS (WSB)					
				End of Comment	
		...1 11..		ITXWSB	"X'1C'" Intermediate text file id

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,COMPACT					
				End of Comment	
		...1	11.1	ITXCOMPC	"X'1D'" Intermediate text file id
				Comment	
,RJPWS (RLT)					
				End of Comment	
		...1	111.	ITXRJPWS	"X'1E'" Intermediate text file id
				Comment	
,DYNALDSN					
				End of Comment	
		...1	1111	ITXDYNDS	"X'1F'" Intermediate text file id
				Comment	
,FSSDEF					
				End of Comment	
		..1.	....	ITXFSSDF	"X'20'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		..1.	...1	ITXRSD09	"X'21'" Intermediate text file id
				Comment	
,DESTDEF					
				End of Comment	
		..1.	..1.	ITXDSTDF	"X'22'" Intermediate text file id
				Comment	
,NJERMT					
				End of Comment	
		..1.	..11	ITXNJERM	"X'23'" Intermediate text file id
				Comment	
,USER1					
				End of Comment	
		..1.	.1..	ITXUSR01	"X'24'" Intermediate text file id
				Comment	
,USER2					
				End of Comment	
		..1.	.1.1	ITXUSR02	"X'25'" Intermediate text file id

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,USER3					
				End of Comment	
		..1. .11.		ITXUSR03	"X'26'" Intermediate text file id
				Comment	
,USER4					
				End of Comment	
		..1. .111		ITXUSR04	"X'27'" Intermediate text file id
				Comment	
,USER5					
				End of Comment	
		..1. 1...		ITXUSR05	"X'28'" Intermediate text file id
				Comment	
,USER6					
				End of Comment	
		..1. 1..1		ITXUSR06	"X'29'" Intermediate text file id
				Comment	
,USER7					
				End of Comment	
		..1. 1.1.		ITXUSR07	"X'2A'" Intermediate text file id
				Comment	
,USER8					
				End of Comment	
		..1. 1.11		ITXUSR08	"X'2B'" Intermediate text file id
				Comment	
,USER9					
				End of Comment	
		..1. 11..		ITXUSR09	"X'2C'" Intermediate text file id
				Comment	
,USER10					
				End of Comment	
		..1. 11.1		ITXUSR10	"X'2D'" Intermediate text file id
				Comment	
,END OF FILE IDS					
				End of Comment	
0	(0)	BITSTRING	0	ITXEND	"X'FFFF'" Intermediate text file id

IATYINT Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATINDT	

Comment

WARNING
THE OFFSETS FOR THE FIELDS DEFINED BETWEEN IATINDT AND

End of Comment

IATYINT Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
AASPMAP	6D4		AIOFDLST	700	
ABACKR	374		AIOFDNEW	BC2	40
ABENDAPG	378		AIOFDPRY	C57	F0
ABENDDCB	6D8		AIOFDTOP	704	
ABLOCK	37C		AIOFLAG1	BC2	0
ACCTDFLT	C2C	94DF06B	AIOFLAG2	BC3	0
ACLOSE	380		AIOGETBF	BC2	20
ACONCONS	6E0		AIOJQMSG	BC3	8
ACONRS10	9D	10	AIOMCMSG	BC3	2
ACONRS20	9D	20	AIOMNBUF	BC3	1
ACONSBCB	98		AIOMSOUT	BC3	4
ACONSRMT	384		AIONBUFS	B82	0
ACONTIME	9D	0	AIONOAWT	BC3	80
ACTLTRAP	388		AIONOBFM	B84	0
ADEBLOCK	38C		AIONOBFN	95C	0
ADELETE	390		AIONOSPC	BC2	8
ADEQ	394		AIOPTJSM	BC3	10
ADLTABLE	D0		AIORDWRT	BC2	80
AENQ	394	394	AIORESPG	BC3	20
AFDADD	398		AIOSNGIO	BC2	4
AFDDELET	39C		ALOAD	3B0	
AFDFIND	3A0		ALOCATE	3B4	
AFGABNUM	B7C	0	ANALYZE	9F	10
AFGDLPST	BC1	80	ANJECHKS	CE4	
AFGDMPOS	BC9	8	ANJECNSQ	78	
AFGDMPSA	BC9	4	ANJESRCH	CE0	
AFGESTAE	BC9	80	ANJETBL	CD4	
AFGFLAG2	BBF	0	ANOTE	3B8	
AFGFLAG5	BC1	0	AOPEN	3BC	
AFGFSACT	BC9	20	AOPEND	3C0	
AFGGMPF	BBF	80	APOINT	3C4	
AFGNOCPF	BBF	40	APURGE	3C8	
AFGPJES3	BC9	40	APUTBUF	3CC	
AFGRS201	BBF	1	APUTMAIN	88	
AFGRS202	BBF	2	ARELEASE	3D4	
AFGRS204	BBF	4	ARETNAD	44	
AFGRS208	BBF	8	ARNAMES	DB8	1F
AFGRS210	BBF	10	AR0	1C	0
AFGRS220	BBF	20	AR1	1C	1
AGETBUF	3A4		AR10	1C	A
AGETMAIN	84		AR11	1C	B
AHED_ANCHOR	CC		AR12	1C	C
AHED_FREE	D4		AR13	1C	D
AHED_SEQUENCE			AR14	1C	E
	C8	0	AR15	1C	F
AHED_TOTAL	D0		AR2	1C	2
AIATINIT	31C		AR3	1C	3
AINTDATA	34		AR4	1C	4
AIOBFECF	BDA	FF	AR5	1C	5
AIOBFUSE	B7E	0	AR6	1C	6
AIOBMIN	B98	0	AR7	1C	7

Name	Hex Offset	Hex Value
AR8	1C	8
AR9	1C	9
ASAVE	40	
ASPABND0	3D8	
ASPECB	38	
ASPTCB	728	
ASYSIOSP	6E8	
ATEST	394	394
ATIME	8C	
ATRACK	3E0	
AUXPTERM	BCA	80
AWAIT	228	80
AWAITEP	3C	
AWAITL	229	81
AWAITOFF	22A	50
AWAITOFL	22B	51
AWRITE	400	
BUFSZ	97C	97E
CHENDAPG	408	
CHKPNT	DB8	4
CKPTAREA	730	
COLDSTRT	9F	80
CONCNJS	324	
CONCNVRT	404	
CONREVRT	418	
CONSAUTH	41C	
CONSUBPL	C59	0
CPUIPL	9F	4
DCTRAPS	900	
DECF	BE0	0
DECFBTR	BE0	1
DECFDR	BE0	10
DECFER	BE0	20
DECFIO	BE0	80
DECFSEC	BE0	8
DECFTX	BE0	40
DEQMSG	420	
DEVSCAN	424	
DJCACTIV	224	10
DJCCKFDB	AF8	0
DJCFREE	34C	
DJCPOST	224	40
DLOCOFF	678	
DLOCON	670	
DLQ	DB8	1
DMTAREQ	1F8	80
DMTARPLY	1F8	40
DNMCONVI	76C	0
DNMDISBL	76D	0
DNMENABL	76E	0
DNMISDRV	76F	0
DNMMAIN	770	0
DNMOUTPT	773	0
DNMPSTSC	771	0
DNMPURGE	774	0
DRDCB	73C	
DSIACTV	9F	8
DSIFCT	740	
DSPCONVI	744	
DSPDIC	DC	
DSPDISBL	748	
DSPDMJA	75C	
DSPENABL	74C	
DSPFSSCT	764	
DSPIG	25C	
DSPISDRV	750	
DSPMAIN	754	
DSPNJESF	CEC	
DSPNJESN	CE8	
DSPOUTPT	760	
DSPPSTSC	758	
DSPRSCNT	924	0
DSPURGE	768	
DSQLOC	D8	
DSQLOCEP	674	
DUMYCNDB	48	
DYNALOC	BCD	80
DYNALRTY	428	
DYNCDD	BCD	20
DYNDYNP	100	
DYNECF	BCD	0
DYNINIT	BCD	10
DYNSAMSK	BCD	E0
DYNUNAL	BCD	40
EFTOP	E0	
FAILDSP	4C	
FCT	DB8	6
FCTACTIV	E4	
FCTLAST	1E4	
FCTTOP	30	
FDBALLIO	D	40
FDBASA	D	1
FDBBPTR	14	
FDBCHKPT	6	60
FDBCLOSE	7	10
FDBCSBTJ	8	4
FDBCSBTL	8	8
FDBCSBTR	8	20
FDBCSBTW	8	10
FDBDATA	0	
FDBDATCH	C	20
FDBDEBS	C	2
FDBDKFRR	6	90
FDBDSTAT	1A	40
FDBECF	7	80
FDBEND	C	8
FDBERCNT	11	
FDBERFLG	6	F0
FDBERROR	6	40
FDBFCTPM	6	1
FDBFDATA	C	40
FDBFLAGS	7	
FDBFLAG0	6	
FDBFLAG1	C	
FDBFLAG2	D	
FDBFLAG3	E	
FDBFLGR2	9	
FDBFLGR4	F	
FDBFREND	C	
FDBF0RS1	6	50
FDBINPUT	7	20
FDBIOCNG	E	40
FDBIOCNT	10	
FDBIOERR	6	20
FDBIOIP	8	40
FDBJBTAT	6	2
FDBJBTER	6	70
FDBJBTEX	C	
FDBJBTL	1C	1C
FDBJBTXL	1C	10

IATYINT Cross Reference

Name	Hex Offset	Hex Value
FDBJIOER	1A	20
FDBJTBIT	1A	80
FDBJTEND	1C	
FDBJTERR	1A	2
FDBJTFLG	1A	
FDBJTOFL	1A	8
FDBJTRSV	1B	
FDBJTSPA	E	
FDBJTSPM	E	
FDBJTSPR	10	
FDBLOCAT	D	20
FDBLSTIO	D	80
FDBMAC	D	2
FDBMNTAT	7	40
FDBMODN2	18	
FDBMREND	20	
FDBMRFL	20	20
FDBMULT	7	8
FDBNDATA	D	10
FDBNOPUT	6	8
FDBOCLSE	C	80
FDBODEOD	D	8
FDBOLD	6	4
FDBONSP	8	80
FDBOPEND	18	
FDBOPTCD	E	80
FDBPNTIN	C	1
FDBPOINT	C	4
FDBPRTY	6	
FDBRABDU	1A	4
FDBRECCT	C	
FDBRECN2	1A	
FDBRECOV	6	80
FDBRL	12	
FDBROTER	6	10
FDBRRERQ	1A	10
FDBRSFLD	1E	
FDBRSVD1	A	
FDBSKIP	D	4
FDBSPADR	0	
FDBSPFL1	8	
FDBSPLIT	C	10
FDBSPMOD	0	
FDBSPNDX	18	
FDBSPREC	2	
FDBSREND	C	
FDBSRFL	C	C
FDBSRSV1	7	4
FDBSRSV2	7	1
FDBSTART	0	
FDBTAERR	6	30
FDBVALID	14	
FDBWCHLK	7	2
FINDJNUM	430	
FIRSTDEB	778	
FSSCKPT	DB8	D
GECFJOBN	BDB	8
GECFMCON	BDB	40
GECFMTRK	BDB	20
GECFSTAD	BDB	80
GETUNIT	434	
GMSCKPT	DB8	E
GMSFDB	B04	0
HOMENODE	CCC	D5F14040
HOTSTRT	9F	20

Name	Hex Offset	Hex Value
IATGRVT	0	
IATINDT	0	
IATXAMDV	438	
IATXCNS	320	
IATXCPYF	42C	
IATXCSS	27C	
IATXELA	43C	
IATXELD	440	
IATXELS	444	
IATXERCV	448	
IATXFRQ	494	
IATXGOSE	44C	
IATXIOX	450	
IATXIWT	454	
IATXJDS	274	
IATXJET	278	
IATXOSBM	658	
IATXOSPC	65C	
IATXOSPM	2D8	
IATXOSSC	654	
IATXOSSO	660	
IATXOSWS	650	
IATXPOSE	460	
IATXPRMD	458	
IATXPRT	464	
IATXRABC	468	
IATXRABD	46C	
IATXRABP	470	
IATXRCVL	504	
IATXRELC	474	
IATXSCN1	478	
IATXSCN2	47C	
IATXSIO	23C	
IATXSMF	480	
IATXSPR	484	
IATXTRC	288	
IATYTVTC	0	
IATYTVTC_LEN	90E	90E
IATYTVTX	0	
IATYTVTX_LEN	1C4	244
ICT	DB8	9
INCNCMP	9D	40
INITCMP	9D	80
INITOPS	BDC	8
INTERCOM	48C	
IOEERROR	22D	80
IOENORML	22D	40
IOERRECF	22D	0
IOERRFCT	784	
IOETIMED	22D	20
IPLMASK	968	0
ITXCIPRM	0	12
ITXCLASS	0	D
ITXCOMPC	0	1D
ITXCONST	0	F
ITXDEADL	0	5
ITXDSTDF	0	22
ITXDVFNC	0	17
ITXDYNDS	0	1F
ITXEND	0	FFFF
ITXFSSDF	0	20
ITXHWSNM	0	16
ITXMAINP	0	C
ITXMSGRT	0	13
ITXNJERM	0	23

Name	Hex Offset	Hex Value
ITXRESDS	0	8
ITXRJPLN	0	E
ITXRJPTM	0	10
ITXRJPWS	0	1E
ITXRMTCN	0	7
ITXRSD01	0	4
ITXRSD02	0	6
ITXRSD03	0	9
ITXRSD04	0	11
ITXRSD05	0	18
ITXRSD06	0	19
ITXRSD07	0	1A
ITXRSD08	0	1B
ITXRSD09	0	21
ITXSETAC	0	14
ITXSETNM	0	B
ITXSETPA	0	A
ITXSETRS	0	15
ITXSETUN	0	1
ITXSUPUN	0	2
ITXSYSOT	0	3
ITXUSR01	0	24
ITXUSR02	0	25
ITXUSR03	0	26
ITXUSR04	0	27
ITXUSR05	0	28
ITXUSR06	0	29
ITXUSR07	0	2A
ITXUSR08	0	2B
ITXUSR09	0	2C
ITXUSR10	0	2D
ITXWSB	0	1C
JCTRKFDB	B44	0
JDSADD	490	
JDSBENRY	270	
JDSGET	498	
JDSHOLD	49C	
JDSPOINT	4A0	
JDSPUT	4A4	
JDSREL	4A8	
JESCKPNT	4B8	
JESCLOSE	4AC	
JESEXCP	4B4	
JESKEY	22C	0
JESMODLK	4C0	
JESMSG	4C4	
JESMSGRT	6F0	
JESOPEN	4C8	
JESPOOL	9C	0
JESREAD	4CC	
JESSNAP	4D0	
JESTAE	48	
JNADD	4DC	
JNCBCTL	DB8	2
JNCBHLD	4E0	
JNCBPOST	224	2
JNCBREL	4E4	
JNCBTOP	E8	
JNDEL	4E8	
JNGET	4EC	
JNUMR	4F0	
JOBCLS	C00	D1E2F3C2
JOBFAIL	C5B	D9
JOBGRP	C08	D1E2F3C2
JOBNALOC	290	
JOBNRTN	294	
JOBNSET	298	
JOBPRTY	C5C	0
JOBSQSIZ	C5D	F0F0F0F3
JQEPTY0	DB8	F
JQEPTY1	DB8	10
JQEPTY10	DB8	19
JQEPTY11	DB8	1A
JQEPTY12	DB8	1B
JQEPTY13	DB8	1C
JQEPTY14	DB8	1D
JQEPTY15	DB8	1E
JQEPTY2	DB8	11
JQEPTY3	DB8	12
JQEPTY4	DB8	13
JQEPTY5	DB8	14
JQEPTY6	DB8	15
JQEPTY7	DB8	16
JQEPTY8	DB8	17
JQEPTY9	DB8	18
JSERV	4F4	
JSSACTIV	BC5	40
JSSCHKPT	BC5	20
JSSDADR	4F8	
JSSDUCHG	BC4	40
JSSEFADD	BC4	4
JSSFCT	EC	
JSSFLG1	BC4	0
JSSFLG2	BC5	0
JSSFSTIM	BC5	80
JSSGPOST	BC4	80
JSSMCGAV	BC4	8
JSSOSWEF	BC4	20
JSSPRELH	BC4	10
JSSPROCN	BC4	2
JSSRETRN	29C	
JSSRQTMR	BC4	1
JSSSTART	BC5	10
JSSTPOST	BC7	0
JSSWORKQ	BC5	8
LCLJNEWS	DB8	A
LOGIN	4FC	
LOGOUT	500	
LVRATPST	BE3	4
LVRRSPST	BE3	2
LVRRSV10	BE3	10
LVRRSV20	BE3	20
LVRRSV40	BE3	40
LVRRSV80	BE3	80
LVRSAPST	BE3	1
MAINACT	F0	
MAINDATA	F4	
MCLASS	F8	
MDSPARM	FC	
MESSAGE	90	
MGROUP	104	
MLBCB	108	
MNTRKFDB	B10	0
MOVEDATA	50C	
MSGCECF	BDB	0
MSSACT	BCC	80
MSSDEPTH	BCC	20
MSSJOB	BCC	40
NCBTAADD	510	
NCBTAFND	514	

Name	Hex Offset	Hex Value
NCBTAGET	518	
NCBTAPUT	51C	
NCBTAREL	520	
NCKADD	524	
NCKDEL	528	
NCKLOCK	1E8	0
NCKLOCKD	50C	80
NJPNAME	C10	40404040
OSEFLAGS	BDC	0
OSEOUTPT	BDC	40
OSERQWS	BDC	4
OSETIMER	BDC	20
OSEWTRS	BDC	10
OSEWTRSL	BDC	2
OSGRJGET	330	
OSGRJPUT	334	
OSGRJREL	338	
OSSRQTOP	7F4	
OSSWAIT	7F8	
OSWSQUE	87C	
PAFCTBTM	110	
PAFCTTOP	114	
POSTSRS	52C	
PRO	DB8	7
PRTAB	120	
PUNTAB	124	
PURCHAIN	530	
PUTUNIT	534	
RCLOSE	538	
RESTABLE	128	
RJPASYNQ	800	
RJPCPOST	9D	8
RJPCTIME	9D	4
RJPECB	804	
RJPECF	804	0
RJPECFAB	805	20
RJPECFCE	805	80
RJPECFCN	805	4
RJPECFLL	805	2
RJPECFOP	805	10
RJPECFST	805	8
RJPECFTM	805	40
RJPIO	554	
RJPJNEWS	DB8	B
RJPLDCTQ	808	
RJPRTERM	A8	
RJPSNAP	558	
RJPSNPFL	231	0
RJPTAB	A0	
ROPEN	55C	
RQ	DB8	0
RQBTM	174	
RQDTOP	178	
RQTAADD	564	
RQTADEL	568	
RQTAPUT	56C	
RQTOP	17C	
RQWTRTOP	80C	
RSCFCT	DB8	C
RSCNOFCT	DB8	8
RSCNOWAT	DB8	0
RSCTFCT	DB8	14
RSCTTEST	DB8	10
RSCTWAIT	DB8	18
RSCWAIT	DB8	4

Name	Hex Offset	Hex Value
R0	1C	0
R1	1C	1
R10	1C	A
R11	1C	B
R12	1C	C
R13	1C	D
R14	1C	E
R15	1C	F
R2	1C	2
R3	1C	3
R4	1C	4
R5	1C	5
R6	1C	6
R7	1C	7
R8	1C	8
R9	1C	9
SCTAB	180	
SETNAMES	184	
SIZEBUF	97C	0
SMFDYFCT	225	1
SMFPOST	225	80
SMFRCUR	225	2
SMRFDB	B2C	0
SNAPDCBA	810	
SNARMVCB	DB8	8
SNLKDEC	2EC	4
SNLKERR	2EC	0
SNLKINC	2EC	0
SNLKINNC	2EC	8
SNLKNORM	2EC	0
SNSTCM	2F4	10
SNSTERR	2F4	0
SNSTFCB	2F4	8
SNSTNORM	2F4	0
SNSTOFF	2F4	4
SNSTON	2F4	0
SNSTONTQ	2F4	4
SNSTQ	2F4	40
SNSTQI	2F4	80
SNSTRQ	2F4	20
SNSTTEST	2F4	8
SNSTTNCH	2F4	C
SPINOFF	578	
SPINPOST	BDC	80
SPORQTOP	814	
SRJPACT	168	16B
SRJPACTM	168	80
SRJPBCB	168	40
SRJPCSFL	168	0
SRJPECF	168	168
SRJPFLG	168	16B
SRJPISEC	168	2
SRJPNDRA	300	
SRJPPOP	168	10
SRJPRCB	168	20
SRJPRJS	168	80
SRJPRSET	8DC	
SRJPRSRB	8CC	
SRJPRSVS	168	4
SRJPRTRM	A4	
SRJPSCTR	160	0
SRJPSNDA	8E4	
SRJPSNDC	314	
SRJPSNDD	318	
SRJPSNDE	8D8	

Name	Hex Offset	Hex Value
SRJPSNDF	8E0	
SRJPSNDG	308	
SRJPSNDM	30C	
SRJPSNDN	2F8	
SRJPSNDO	310	
SRJPSNDP	8D0	
SRJPSNDR	8C8	
SRJPSNDS	8D4	
SRJPSNDT	304	
SRJPSNDU	8C4	
SRJPSNDV	2FC	
SRJPSNFI	AE0	
SRJPSNFO	AE4	
SRJPSNFS	2F0	
SRJPSNJP	ADC	
SRJPSNLK	2EC	
SRJPSNLM	AF0	
SRJPSNPI	AE8	
SRJPSNPO	AEC	
SRJPSNSG	AD8	
SRJPSNST	2F4	
SRJPSQAN	164	0
SRJPSRT	134	
SRJPSTQ	160	
SRJPWKQ	168	8
STEPCHK	C61	D5
SUPUNITS	188	
SYSTAB	18C	
SYSUNIT	DB8	3
SYSUNITS	190	
TATFLAGS	BC6	0
TATGMSSP	BC6	20
TATMINQ	BC6	80
TATMRGQ	BC6	40
TDBGCLSS	C62	C1
TESTSRS	410	
TIDSNT	820	
TIHWST	824	
TIPARMS	828	
TODMSG	4D4	
TPROCCHN	82C	
TSOJNEWS	DB8	C
TVABNGET	2A4	
TVDSIECF	230	0
TVINITID	930	0
TVJCTREL	5E8	
TVONLFDB	B38	0
TVRSTFLG	9F	0
TVTABLE	0	0
TVTABMN	2A8	
TVTABMNE	878	
TVTABNOF	3D8	80
TVTADMSK	C78	FFFFFF
TVTADSLM	CF8	0
TVTALETA	CB0	
TVTANYJS	BCB	4
TVTANYRL	BCB	2
TVTASPC	BA5	20
TVTASPE	BA5	80
TVTASPW	BA5	40
TVTATCB	8C0	
TVTATDCI	994	0
TVTATE	BEE	80
TVTATFLG	BEE	0
TVTATRCA	7E8	
TVTAUTOR	BF5	20
TVTAUXT	8B4	
TVTBALJ	19C	
TVTBALST	170	
TVTBCMD	DA4	80
TVTBCMDQ	DA4	40
TVTBCOMM	D2C	
TVTBDCDA	D28	
TVTBDUMY	D90	
TVTBECF	DA4	0
TVTBECFN	DA5	0
TVTBECFS	DA6	0
TVTBEND	DA5	4
TVTBFLG1	D8E	0
TVTBJCRQ	DA4	10
TVTBLANK	C9C	40404040
TVTBMSK	DA4	F0
TVTBNFG	D8E	80
TVTBNJET	DA5	80
TVTBNMSK	DA5	E4
TVTBONMR	DA5	40
TVTBOTH	BCB	1
TVTBREC	D98	
TVTBRECC	DA5	20
TVTBRSV1	DA4	20
TVTBSCT	D94	
TVTBSMSK	DA6	C0
TVTBSSA	DA6	80
TVTBSSIR	DA6	40
TVTBSZDT	9B4	0
TVTBTJDS	CA4	A
TVTBTJST	CA4	2
TVTBTR	790	
TVTCALNT	12C	
TVTCANB	BC0	80
TVTCANC	BC0	8
TVTCANL	BC0	2
TVTCANP	BC0	20
TVTCBCLS	BD2	80
TVTCBDTM	B0	
TVTCBJOB	BD2	40
TVTCDCLS	BD2	20
TVTCDECF	BFC	0
TVTCDJOB	BD2	10
TVTCDSI	230	40
TVTCECF	BE7	0
TVTCEYE	24	E3E5E340
TVTCFATF	BE1	10
TVTCFCNT	94C	0
TVTCFDAT	944	0
TVTCFINF	944	
TVTCFR01	BD2	1
TVTCFR02	BD2	2
TVTCFR04	BD2	4
TVTCFR08	BD2	8
TVTCFTIM	948	0
TVTCFTVT	48	
TVTCIATC	BE1	80
TVTCICNT	998	99A
TVTCID	0	C9C1E3E8
TVTCIECB	988	0
TVTCIECF	BE1	0
TVTCIFLG	BD2	0
TVTCIFSS	BD8	40
TVTCIJSS	BC5	1

Name	Hex Offset	Hex Value
TVTCIR01	BE1	1
TVTCIR02	BE1	2
TVTCIR04	BE1	4
TVTCIR08	BE1	8
TVTCISBW	988	80
TVTCISCH	5DC	
TVTCITCB	818	
TVTCKFCT	830	
TVTCKMSG	834	
TVTCLEN	4C	
TVTCL012	4B0	
TVTCNJEM	50	
TVTCNMLW	80	
TVTCNSAP	BFC	80
TVTCNTOR	634	
TVTCONSR	384	80
TVTCPUID	9B8	0
TVTCRD01	10E	
TVTCRD02	20E	
TVTCRD03	30E	
TVTCRD04	40E	
TVTCRS01	50E	
TVTCRS02	60E	
TVTCRS03	70E	
TVTCRS04	80E	
TVTCSCP	CAC	
TVTCSF	74	
TVTCTVT	68	
TVTCVERS	40	
TVTC313	80E	1
TVTDATFS	B8A	0
TVTDATQ	1A0	
TVTDATSZ	9BC	0
TVTDCNDB	89C	
TVTDDINB	CF5	40
TVTDELET	390	80
TVTDFCB	1A4	
TVTDHWS	BCC	4
TVTDISK	5F0	
TVTDJFLG	BF3	0
TVTDJOCT	BFD	0
TVTDJRST	BF3	80
TVTDLMSK	AD4	0
TVTDMCDE	71C	
TVTDMCPG	ABA	0
TVTDMCQ	1A0	1A0
TVTDMCSZ	AB8	0
TVTDMDK	23C	23C
TVTDMPB	BC0	40
TVTDMPC	BC0	4
TVTDMPL	BC0	1
TVTDMPLN	964	6000
TVTDMPP	BC0	10
TVTDMSAV	9C0	0
TVTDMTRC	9D0	0
TVTDPJBN	BF4	20
TVTDPJEN	BC5	2
TVTDRCR	BED	0
TVTDRCRC	BCE	80
TVTDRDN	BEC	2
TVTDRDR	BEC	40
TVTDRECF	BEC	0
TVTDRFLG	768	80
TVTDRTN	BEC	4
TVTDRTR	BEC	80

Name	Hex Offset	Hex Value
TVTDSFDB	710	0
TVTDSI01	BA4	1
TVTDSI02	BA4	2
TVTDSI04	BA4	4
TVTDSI08	BA4	8
TVTDSI10	BA4	10
TVTDSI20	BA4	20
TVTDSI40	BA4	40
TVTDSPIQ	2E0	
TVTDSPMO	2E4	
TVTDSP00	638	
TVTDSSCH	5E0	
TVTDYNL	BCE	0
TVTDYSCR	B9A	0
TVTEASID	D18	40404040
TVTENCTL	B0	0
TVTEND	DB8	
TVTENFRW	B4	
TVTENST	BEF	20
TVTENWRK	B0	
TVTEPCST	374	
TVTEPE	6D4	
TVTEPS	374	
TVTEPST	234	
TVTERRQ	240	
TVTERRWK	244	
TVTESTE6	BB0	0
TVTESTFL	BAF	0
TVTESTSZ	BB4	2000
TVTEST00	BB4	0
TVTEXREL	79C	
TVTF_EYE_CATCHER		
	24	E3E5E340
TVTFCTVT	40	
TVTFDCTA	6F8	
TVTFDMAX	BAA	0
TVTFDUSE	BA8	0
TVTFETCH	BCB	80
TVTFID	0	C9C1E3E8
TVTFLAG1	BEF	0
TVTFLAG2	BF5	0
TVTFLEN	44	
TVTFREND	D0	
TVTFSAID	BD6	
TVTFSASK	BC9	1
TVTFSCIU	BE1	20
TVTFSECB	C28	0
TVTFSEPL	618	20
TVTFSEPN	618	
TVTFSEPS	5F8	
TVTFSFCT	77C	
TVTFSFG1	BC9	0
TVTFSFG2	BCA	0
TVTFSFLG	BD8	0
TVTFSID	BD4	
TVTFSL	874	
TVTFSLG	1EC	
TVTFSLGA	838	80000000
TVTFSLOG	838	80
TVTFSMSE	D18	D1C
TVTFSMSG	D05	
TVTFSMSL	D04	
TVTFSMSS	D04	D05
TVTFSNDP	BC9	2
TVTFSRC	1F0	

Name	Hex Offset	Hex Value
TVTFSS	1A8	
TVTFSSAB	604	
TVTFSSAD	BD8	80
TVTFSSAM	60C	
TVTFSSCK	600	
TVTFSSCL	608	
TVTFSSCM	BFC	40
TVTFSSFD	B60	0
TVTFSSFP	610	
TVTFSSFS	5FC	
TVTFSSID	BD4	
TVTFSSIN	C1C	40404040
TVTFSSNM	D09	40404040
TVTFSSRS	614	
TVTFSSST	5F8	
TVTFSSTA	BFC	20
TVTFSUFD	BC9	10
TVTFSWA	83C	80000000
TVTFSWRK	83C	80
TVTFTVT	64	
TVTFVERS	38	
TVTF313	140	1
TVTF511	140	2
TVTGETE6	BAF	80
TVTGET00	BAF	40
TVTGLOBL	BD0	40
TVTGMSFL	724	0
TVTGMSP	724	80
TVTGMSUP	720	0
TVTGMS1	618	
TVTGRFLG	BF4	0
TVTGRJQE	BF4	80
TVTGROCO	7C	
TVTGRPSZ	960	0
TVTGRSM1	2C4	
TVTGSAGP	BF0	10
TVTGSATT	BF0	40
TVTGSDET	BF0	20
TVTGSPFD	BF0	80
TVTGSSAT	BF0	8
TVTGSSWM	BF0	4
TVTGSWK1	BF0	0
TVTHOBOF	6C	7FFFFFFF
TVTHOBON	C18	C18
TVTHRCNT	940	0
TVTHRDAT	938	0
TVTHRINF	938	
TVTHRTIM	93C	0
TVTHWMSK	C74	FFFF
TVTHWQE	738	
TVTHXCHR	C7C	F0F1F2F3
TVTICLK	BE4	0
TVTICTCH	81C	
TVTID	0	C9C1E3C7
TVTIDAAD	1AC	0
TVTIDDAT	930	930
TVTIDTIM	930	934
TVTIFCAD	1D4	0
TVTIHWS	BCC	8
TVTINDAT	28	0
TVTINPPS	227	40
TVTINPUT	61C	
TVTINSAV	930	
TVTINSPA	7D2	0
TVTINTIM	28	2C
TVTINTPM	C6A	F0F1
TVTINTPR	C6C	E2E3
TVTINTRD	BA6	14
TVTINTRP	BCB	4
TVTIOPRM	840	
TVTIQECA	844	
TVTIQECM	84B	
TVTIRA	734	
TVTISFLG	BA5	0
TVTISF01	BA5	1
TVTISF02	BA5	2
TVTISF04	BA5	4
TVTISF08	BA5	8
TVTISF10	BA5	10
TVTISJ	928	0
TVTITKPM	84C	
TVTJADAD	200	
TVTJBDTH	A7E	0
TVTJBEXP	A86	0
TVTJBLIM	A84	4
TVTJBMSG	BE2	40
TVTJBNSE	A7C	0
TVTJBOUT	BE2	20
TVTJBTS	26C	
TVTJBTXP	3E4	
TVTJBUSE	BE2	10
TVTJDDLM	CB8	0
TVTJDENO	C72	6
TVTJDEQ	850	
TVTJESMS	BD1	
TVTJLFLG	CF5	0
TVTJMF	32C	
TVTJMJBT	BE7	40
TVTJMQA	8A0	
TVTJMSSI	BE7	80
TVTJMUPD	BE7	20
TVTJNBAT	BD1	20
TVTJNCBF	224	0
TVTJNCHN	7EC	
TVTJNECF	22E	0
TVTJNMSK	22E	80
TVTJNRET	BF4	40
TVTJNSTC	BD1	40
TVTJNTHL	22E	40
TVTJNTSO	BD1	80
TVTJNWID	22F	0
TVTJOBLM	D00	0
TVTJQEDQ	668	
TVTJQENQ	664	
TVTJQX	1B0	
TVTJSFLG	BE2	0
TVTJSSDA	8A4	
TVTJ3PST	2B0	
TVTLDAAD	198	
TVTLIMF	BC0	0
TVTLLPRT	13C	
TVTLNGTH	24	DB8
TVTLOCAL	BD0	20
TVTLOECF	BE3	0
TVTLPJ3	2BC	
TVTLTRC	858	
TVTMAINJ	9F4	0
TVTMAPRJ	85C	
TVTMAXB	978	5DC
TVTMAXC	96C	2

Name	Hex Offset	Hex Value
TVTMAXL	970	1
TVTMAXP	974	1F4
TVTMBJ	92C	0
TVTMDFLG	BCB	BCB
TVTMDSRD	194	
TVTMEMD	1B8	
TVTMINTR	962	0
TVTMLRL	AD0	0
TVTMNSMS	A18	0
TVTMOECA	860	
TVTMOECM	867	
TVTMPLAV	BC5	4
TVTMRGTR	963	0
TVTMSABN	BE1	40
TVTMSDM	8A8	0
TVTMSMI	2D0	
TVTMSPAT	868	
TVTMSU	86C	
TVTMTON	BEE	40
TVTMUBLN	ACC	0
TVTMXDCI	98C	1
TVTNJEF1	CF4	0
TVTNJEOK	CF4	80
TVTNONE	BCC	1
TVTNOTFY	66C	
TVTNTRCA	7E4	
TVTNUCT	8B0	
TVTOLDGL	BD0	4
TVTONE	C98	1
TVTONMSK	980	0
TVTOSDIE	2D4	
TVTOSFP	2DC	
TVTOSRTQ	210	
TVTOUTPT	620	
TVTPATH	BDF	0
TVTPBITL	264	
TVTPDAAD	204	
TVTPJCL	8AC	0
TVTPJCLP	8AC	80
TVTPPAGS	A80	0
TVTPRCDS	BFC	4
TVTPRCEN	BFC	8
TVTPREFR	BCB	40
TVTPRSUB	BD0	80
TVTPSDMX	99C	0
TVTPSDUS	9A0	0
TVTPSSCH	5E4	
TVTPTATS	268	
TVTPTCAD	794	
TVTPTCKP	3EC	
TVTPTECF	BDF	10
TVTQBIT	CF5	80
TVTRAGNO	C63	
TVTRDFR1	9E	0
TVTRDFR2	AC	0
TVTRDQEF	10C	10C
TVTRDQPT	10C	80
TVTRDQTP	10C	
TVTRDYFC	72C	
TVTRD00H	5EC	0
TVTRD005	70	0
TVTRD010	140	
TVTRD030	16C	0
TVTRD040	1FB	0
TVTRD072	2A0	
TVTRD080	33C	
TVTRD082	3A8	
TVTRD084	3D0	
TVTRD086	3DC	
TVTRD090	3F0	
TVTRD095	40C	
TVTRD100	414	
TVTRD110	45C	
TVTRD112	488	
TVTRD117	508	
TVTRD118	4BC	
TVTRD120	53C	
TVTRD130	570	
TVTRD140	5F4	
TVTRD150	67C	
TVTRD151	6DC	
TVTRD152	6E4	
TVTRD155	6EC	
TVTRD165	70C	0
TVTRD190	772	0
TVTRD200	775	0
TVTRD210	7F0	
TVTRD215	854	
TVTRD218	870	
TVTRD220	8AD	0
TVTRD230	904	0
TVTRD240	950	0
TVTRD260	A1C	0
TVTRD270	AA0	0
TVTRD280	ABC	0
TVTRD290	B6C	0
TVTRD300	B86	0
TVTRD305	B8C	0
TVTRD310	BAC	0
TVTRD315	BC8	0
TVTRD330	BDD	0
TVTRD345	BE5	0
TVTRD350	BE8	0
TVTRD360	C5A	0
TVTRD403	CD8	0
TVTRD405	CF0	0
TVTRD410	CF2	0
TVTRD420	D30	0
TVTRD425	D8C	0
TVTRD430	D8F	0
TVTRD440	2E8	
TVTRD460	DA5	10
TVTRD465	DA5	8
TVTRD480	DA6	3F
TVTREFRS	9F	2
TVTREQUI	BCB	20
TVTRETNT	130	
TVTRFN01	CF4	1
TVTRFN02	CF4	2
TVTRFN04	CF4	4
TVTRFN08	CF4	8
TVTRFN10	CF4	10
TVTRFN20	CF4	20
TVTRFN40	CF4	40
TVTRF201	BF5	1
TVTRF202	BF5	2
TVTRF204	BF5	4
TVTRF208	BF5	8
TVTRF210	BF5	10
TVTRJPAC	55C	80

Name	Hex Offset	Hex Value
TVTRJPCP	CB4	
TVTRJPDI	284	
TVTRMFF	CA4	FFFFFFFF
TVTRM7F	CA4	CA8
TVTRM80	C18	80000000
TVTRQCAD	118	
TVTRSF10	BCC	10
TVTRSV01	6FC	
TVTRSV02	708	0
TVTRSV03	9F0	0
TVTRS00F	B8	0
TVTRS010	144	
TVTRS040	1D8	0
TVTRS060	232	0
TVTRS070	328	
TVTRS080	354	
TVTRS090	3AC	
TVTRS120	544	
TVTRS130	574	
TVTRS140	57C	
TVTRS150	688	
TVTRS210	7D0	0
TVTRS219	7FC	
TVTRS220	884	
TVTRS230	8E8	
TVTRS260	A44	0
TVTRS261	A78	0
TVTRS270	AA8	0
TVTRS280	AF4	
TVTRS310	B9C	0
TVTRS360	BF6	0
TVTRS370	BFE	0
TVTRS375	C58	0
TVTRS380	C73	0
TVTRS420	D34	0
TVTRS480	DA7	0
TVTRTAB	1BC	
TVTRTAT	7B4	0
TVTRU050	214	
TVTRU080	35C	
TVTRU120	54C	
TVTRU130	560	
TVTRU150	6AC	
TVTRU160	725	0
TVTRU210	7D8	0
TVTRU230	8EC	
TVTRU260	A88	0
TVTRU270	AB0	0
TVTRU310	BB8	0
TVTRU320	BD3	0
TVTRU350	BE9	0
TVTRU370	BFF	0
TVTRU390	CBC	0
TVTRU410	CF6	0
TVTRU430	D64	
TVTSAFCL	238	
TVTSAPWQ	880	
TVTSBCNT	998	3
TVTSBPSY	BB4	E6
TVTSBPUS	BB4	2
TVTSCANI	A9C	708
TVTSCPSC	BFC	10
TVTSDA	11C	
TVTSDEAD	208	
TVTSDION	BA4	80

Name	Hex Offset	Hex Value
TVTSDMSG	BAF	20
TVTSDSI	230	80
TVTSETUP	BCC	0
TVTSIOSV	9F8	0
TVTSJFWK	776	0
TVTSLOTL	280	
TVTSMFCH	1C0	
TVTSMFFL	225	0
TVTSMFFO	C64	0
TVTSMFOP	C65	0
TVTSMS	BF5	80
TVTSMSCX	BF5	40
TVTSMSET	BCB	10
TVTSNAPN	BAF	10
TVTSNECB	984	0
TVTSNFDB	D1C	0
TVTSNNUM	B80	0
TVTSNPNA	4D8	
TVTSOSRQ	20C	
TVTSP	7B2	0
TVTSPADD	7B0	8
TVTSPAGS	A82	0
TVTSPCHG	7B0	2
TVTSPCK	3E8	
TVTSPDEF	7A4	
TVTSPDEL	7B0	40
TVTSPFLC	BA4	80
TVTSPFLG	7B0	0
TVTSPFL2	7B1	0
TVTSPID	7A8	0
TVTSPINT	7A0	
TVTSPLST	788	
TVTSPMSG	BE2	80
TVTSPPCH	1C4	
TVTSPPCK	7B0	80
TVTSPPFL	226	0
TVTSPREL	798	
TVTSPREP	9F	1
TVTSPRPL	7B0	10
TVTSPSTT	7B0	4
TVTSPTAP	7B0	1
TVTSPUNV	7B0	20
TVTSQE	1B4	
TVTSSAUX	BF1	40
TVTSSDSP	BF1	81
TVTSSDST	BF1	1
TVTSSNM	C24	40404040
TVTSSNUC	BF1	80
TVTSSVT	94	
TVTSTAD	2AC	
TVTSTCPM	C68	F0F1
TVTSTCPR	C70	E2E3
TVTSTECB	8B8	0
TVTSTFG0	BCF	80
TVTSTFG1	BCF	40
TVTSTFG2	BCF	20
TVTSTFG3	BCF	10
TVTSTFG4	BCF	8
TVTSTFG5	BCF	4
TVTSTFG6	BCF	2
TVTSTFG7	BCF	1
TVTSTFLG	BCF	0
TVTSTLOC	BF2	0
TVTSTMD	2C0	
TVTSTTAL	24C	

Name	Hex Offset	Hex Value
TVTSTTBD	254	
TVTSTTBL	248	
TVTSTTCB	8BC	
TVTSTTPG	250	
TVTSTTSR	258	
TVTSTUSR	BF1	0
TVTSUPNO	70A	0
TVTSUSPE	1F9	80
TVTSUSPM	1FA	40
TVTSVCNT	14C	
TVTSVHDR	148	
TVTSVLST	148	
TVTSYCNT	CFC	0
TVTSYSID	D9C	40404040
TVTTAECF	1F8	0
TVTTAWK	1F4	
TVTTELEN	15C	0
TVTTELS	158	
TVTTELTP	158	0
TVTTGBAD	78C	
TVTTGBUP	260	
TVTTHWS	BCC	2
TVTTJDSA	CA4	2
TVTTOKEN	D4	
TVTTRC2	8F8	
TVTTRC3	8FC	0
TVTTSOPM	C66	F0F1
TVTTSOPR	C6E	E2E3
TVTTSOPS	BEF	40
TVTTVTC	44	
TVTTVTF	3C	
TVTUAGET	BEF	80
TVTUCDCI	990	0
TVTUTIC	A10	0
TVTUXL	1C8	
TVTVALID	A40	0
TVTVIOPM	2B8	
TVTVIRT	BD0	8
TVTVPTH	2B4	
TVTVRECF	BE3	BE3
TVTVS2F1	BD0	0
TVTWAITS	A14	0
TVTWDITV	A7B	
TVTWDLIM	A7A	
TVTWORKD	150	0
TVTWORKS	150	154
TVTWROSE	234	
TVTWTDEC	227	0
TVTWTDPS	227	80
TVTWTD01	227	1
TVTWTD02	227	2
TVTWTD04	227	4
TVTWTD08	227	8
TVTWTD10	227	10
TVTWTD20	227	20
TVTWTFCT	780	
TVTX_CLSDLYUP		
	130	
TVTX_CLSHADIN		
	124	
TVTX_CLSHADRE		
	128	
TVTX_CLSHADUP		
	12C	
TVTX_CLSMODUP		
	134	
TVTX_LCLCMSLK		
	13C	
TVTX_MPSETTRE		
	1C4	
TVTX_MPUNITS	144	
TVTXAHED	C8	
TVTXATDE	2C8	
TVTXATR	140	
TVTXBPL	50	
TVTXCKPT	28C	
TVTXCNDB	60	
TVTXCS03	D8	
TVTXCS06	DC	
TVTXCS07	E0	
TVTXCS08	E4	
TVTXCS09	E8	
TVTXCS10	EC	
TVTXCS11	F0	
TVTXCS12	F4	
TVTXDELY	10C	
TVTXDPL	5C	
TVTXGCL	54	
TVTXGENF	110	
TVTXGPDS	114	
TVTXGSG	BC	
TVTXITRC	C4	
TVTXJCT	624	
TVTXJLOK	2CC	
TVTXJQE	628	
TVTXJSPC	120	
TVTXJXGT	C0	
TVTXM702	A8	
TVTXM703	AC	
TVTXRCL	58	
TVTXRJPC	F8	
TVTXSCSV	108	
TVTXSQE	62C	
TVTXSSCR	138	
TVTXSSEV	B4	
TVTXSST	B0	
TVTXSSTB	B8	
TVTXTOD	630	
TVTXTODF	630	80
TVTXTRCD	350	
TVTXWCLF	100	
TVTXWDSL	11C	
TVTXWLM	FC	
TVTXWSEL	118	
TVTXWSRV	104	
TVTYOSD	1CC	
TVTZERO	C8C	C8C
TVTZEROX	C8C	0
TVT3100D	1FC	0
TVT8500D	6F4	0
TVVCKFDB	B70	0
UAVLFLG	BD9	0
VATAFCT	63C	
VGETFCT	640	
VGETRSQ	644	
WARMSTRT	9F	40
WRTCHAIN	648	
WTD	DB8	5
WTDQUE	1D0	
XCFDEFGP	9AC	40404040

Name	Hex Offset	Hex Value
XCFGRPNM	9A4	40404040
ZEROCORE	64C	

IATYIOP Programming Interface information

Programming Interface information

IATYIOP

The following fields are **NOT** programming interface information:

- EXTFRRAD
- EXTISRAD
- EXTSAVE
- EXTSPB
- IOPFREEI
- IOPHIISR
- IOPLOISR

End of Programming Interface information

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IATYIOP Heading Information

Common Name: JES3 SPOOL I/O PARAMETER BLOCK
Macro ID: IATYIOP
DSECT Name: IOPSTART, ESTSTART, RPSSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IOP
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 245
Size: 1st Section: 339 bytes,
2nd Section: 177 bytes,
3rd Section: 7 bytes
Created by: IATINSD
Pointed to by: TVTIOPRM IN IATYTVT
SVTIOPRM IN IATYSVT
Serialization: CS
Function: Contains pointers to I/O control block pools (ISRS and SRBS), a skeleton ISR, a device table entry for each type of spool device defined to the system, and an extent table entry for each spool extent defined to the system.

NOTE: In Assembly source of any module invoking this macro, the macro IATYISR must be invoked prior to this one.

IATYIOP Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	IOPSTART	
0	(0)	BITSTRING	224	IOPINISR	USED TO INIT AN IATYISR
224	(E0)	CHARACTER	4	IOPID	DATA AREA IDENTIFIER
228	(E4)	BITSTRING	1	IOPFLAGS	IOP FLAGS

Comment

```
-------------------------------------------------------------
          HOT START FLAGS FOR IATYIOP VALIDATION
-------------------------------------------------------------
```

End of Comment

1...	IOPHSTRT	"X'80'" IOP VALID OVER HOTSTART
.1..	IOPHSNEW	"X'40'" NEW IOP BUILT OVER HOTSTART
..1.	IOPNISR	"X'20'" NEW ISR AREA REQUIRED
...1	IOPJSTRM	"X'10'" JES3 TERMINATING

Comment

```
-------------------------------------------------------------
```

End of Comment

229	(E5)	BITSTRING	3	IOPTSIZE	TOTAL SIZE OF IOP AREA
232	(E8)	ADDRESS	4	IOPJASCB	ADDR OF JES3 ASCB
236	(EC)	ADDRESS	4	IOPEXTAB	ADDR OF EXTENT TABLE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
---------- 0					
The following pair of fields is normally serialized 0					
using a CDS instruction with one exception: 0					
When the IOPFREEI pointer is zero, the CMS lock 0					
must be obtained before updating it. 0					
---------- 0					
				End of Comment	
240	(F0)	DBL WORD	8	IOPFRISR (0)	DOUBLE WORD BOUNDARY
240	(F0)	ADDRESS	4	IOPCNTRL	QUEUE CONTROL WORD
244	(F4)	ADDRESS	4	IOPFREEI	ADDR OF 1ST FREE ISR
248	(F8)	DBL WORD	8	IOPWTISR (0)	DOUBLE WORD BOUNDARY
248	(F8)	ADDRESS	4	IOPISRQ	EXTENTS WAIT FOR ISR
252	(FC)	ADDRESS	4	IOPEXTCT	QUEUE CONTROL WORD
256	(100)	DBL WORD	8	IOPFREES (0)	DOUBLE WORD BOUNDARY
256	(100)	ADDRESS	4	IOPFRSRB	ADDR OF FIRST FREE SRB
260	(104)	ADDRESS	4	IOPSRBCT	QUEUE CONTROL WORD
264	(108)	DBL WORD	8	IOPSRBWT (0)	DOUBLE WORD BOUNDARY
264	(108)	ADDRESS	4	IOPSRBQ	DSS'S WAITING FOR SRB'S
268	(10C)	ADDRESS	4	IOPDSBCT	QUEUE CONTROL WORD
272	(110)	ADDRESS	4	IOPRSV03	Reserved for IBM
276	(114)	ADDRESS	4	IOPLOISR	ADDR OF FIRST ISR
280	(118)	ADDRESS	4	IOPHIISR	ADDR OF LAST ISR
284	(11C)	ADDRESS	4	IOPLOSRB	ADDR OF FIRST SRB
288	(120)	ADDRESS	4	IOPHISRB	ADDR OF LAST SRB
292	(124)	ADDRESS	4	IOPRPSTB	ADDR OF RPS SECTOR TABLE
296	(128)	SIGNED	4	IOPRPSSZ	SIZE OF RPS SECTOR TABLE
300	(12C)	SIGNED	4	IOPRSV01	Reserved for IBM
304	(130)	SIGNED	2	IOPEXTSZ	SIZE OF EACH EXTENT ENTRY
306	(132)	SIGNED	2	IOPNQUES	NUMBER OF SPOOL EXTENT ENTRIES
308	(134)	BITSTRING	1	IOPRSV02	Reserved for IBM
309	(135)	BITSTRING	1	IOPRSVS1	RESERVED FOR SERVICE
310	(136)	SIGNED	2	IOPNXTS	IOPNQUES - 1 (Excluding JCT extent)
312	(138)	ADDRESS	4	IOPVLARR	Address of VALID array; the array is used for track group owner validation
316	(13C)	SIGNED	4	IOPVLSIZ	Size of the VALID array
320	(140)	SIGNED	4	IOPISRSV	Chain of ISRs during JES3 or C/I 0011 FSS address space termination 0011
324	(144)	SIGNED	4	IOPRSVS (2)	Reserved for Service 0011
332	(14C)	SIGNED	4	IOPRSVD (2)	Reserved for Development 0011
340	(154)	SIGNED	4	IOPRSVU1 (2)	RESERVED FOR USER
352	(160)	DBL WORD	8	IOPFEND (0)	END OF FIXED PORTION OF IOP
352	(160)	X'160'	0	IOPFSIZE	"IOPFEND-IOPSTART" - SIZE OF FIXED PORTION OF IOP

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	EXTSTART	
0	(0)	DBL WORD	8	EXTQPRMS (0)	QUEUING PARMS FOR EXTENT
0	(0)	ADDRESS	4	EXTWAITQ	IATYDAT Q WAITING TO DO I/O
4	(4)	ADDRESS	4	EXTBUSY	IATYDAT USING THIS EXTENT
		....		EXTSETLK	"X'80000000'" Extent lock set value; set in 0011 the EXTBUSY field when the extent 0011 queues are being rearranged 0011
4	(4)	BITSTRING	0	EXTRSTLK	"X'7FFFFFFF'" Extent lock reset mask 0011
8	(8)	ADDRESS	4	EXTNXEXT	NEXT EXTENT Q'ED FOR IATYISR
12	(C)	BITSTRING	4	EXTLOADR (0)	LOW TRACK ADDRESS IN EXTENT
12	(C)	BITSTRING	2	EXTLOCYL	- LOW CYLINDER ADDRESS
14	(E)	BITSTRING	2	EXTLOHD	- LOW HEAD ADDRESS
16	(10)	BITSTRING	4	EXTHIADR (0)	HIGH TRACK ADDRESS IN EXTENT
16	(10)	BITSTRING	2	EXTHICYL	- HIGH CYLINDER ADDRESS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
18	(12)	BITSTRING	2	EXTHIHD	- HIGH HEAD ADDRESS
20	(14)	BITSTRING	4	EXTCTADR (0)	CENTER TRACK ADDRESS IN EXTENT
20	(14)	BITSTRING	2	EXTCTCYL	- CENTER CYLINDER ADDRESS
22	(16)	BITSTRING	2	EXTCTHD	- CENTER HEAD ADDRESS
24	(18)	ADDRESS	4	EXTIOPAD	ADDR OF IATYIOP
28	(1C)	ADDRESS	4	EXTUCBAD	ADDR OF UCB FOR THIS EXTENT
32	(20)	ADDRESS	4	EXTDCBAD	ADDR OF DCB FOR THIS EXTENT
36	(24)	ADDRESS	4	EXTRPSAD	ADDR OF RPS TABLE ENTRY
40	(28)	SIGNED	2	EXTLSTCY	LAST CYLINDER POSITION
42	(2A)	SIGNED	2	EXTCYLCT	NUMBER OF CYLS ON THIS VOLUME
44	(2C)	ADDRESS	4	EXTISRAD	ISR ADDR FOR THIS START I/O
48	(30)	SIGNED	4	EXTIOCNT	I/O COUNT THIS EXTENT
52	(34)	SIGNED	4	EXTBUFSZ	BUFFER SIZE FOR EXTENT I/O
52	(34)	X'36'	0	EXTBUFRC	"EXTBUFSZ+2,2" HALFWORD CONTAINING BUFFER SIZE
56	(38)	SIGNED	4	EXTCHCT	COUNT OF DMCS CHAINED TOGETHER
60	(3C)	SIGNED	4	EXTSAVE (2)	SAVE AREA FOR IATDMIT/IATDMTK
68	(44)	CHARACTER	8	EXTDDNM	EXTENT DDNAME
76	(4C)	CHARACTER	8	EXTSPNM	PARTITION NAME
84	(54)	ADDRESS	4	EXTSPB	ADDR OF SPOOL PARTITION BLOCK
88	(58)	ADDRESS	4	EXTNPEX	ADDR OF NEXT EXTENT THIS SPART
92	(5C)	ADDRESS	4	EXTCHN	ADDR OF NEXT EXTENT ENTRY
96	(60)	SIGNED	4	EXTSIZE	NUMBER OF TRK GROUPS IN EXTENT
100	(64)	SIGNED	4	EXTNLEFT	NUMBER OF AVAILABLE TRK GROUPS
104	(68)	SIGNED	4	EXTCTLOG	"G" OF 1ST GROUP LEFT OF CENTER
108	(6C)	SIGNED	4	EXTCTHIG	"G" OF 1ST GROUP RIGHT OF CENTER
112	(70)	SIGNED	4	EXTLOWR	"R" OF 1ST RECORD IN EXTENT
116	(74)	SIGNED	4	EXTHIGHR	"R" OF LAST RECORD IN EXTENT
120	(78)	BITSTRING	1	EXTFLAGS	EXTENT FLAGS

Comment

```
-------------------------------------------------------------
          DEFINITION OF EXTFLAGS
-------------------------------------------------------------
```

End of Comment

1...	EXTLKBSY	"X'80'" IATDMDSL TO USE EXTBUSY.
.1..	EXTSIO	"X'40'" IATDMDKW TO FORCE SIO.
..1.	EXTBUFDA	"X'20'" BUFFERED DASD
...1	EXTTGBEN	"X'10'" AT LEAST ONE BDTRACK ENTRY THIS DS

Comment

```
-------------------------------------------------------------
```

End of Comment

121	(79)	BITSTRING	1	EXTSTFLG	EXTENT STATUS FLAG

Comment

```
-------------------------------------------------------------
   EXTSFLG DEFINITION, FIELDS MUST MATCH VOLFLAG1 IN YVOL
-------------------------------------------------------------
```

End of Comment

1...	EXTUNV	"X'80'" EXTENT NOT ALLOCATED
.1..	EXTDRAIN	"X'40'" EXTENT MOVED TO DRAINING PARTITION
..1.	EXTHELD	"X'20'" EXTENT HELD
...1	EXTSTTD	"X'10'" EXTENT CONTAINS DYNAMIC STT
.... 1...	EXTREP	"X'08'" EXTENT REPLACED
.... .1..	EXTDEL	"X'04'" EXTENT DELETED (NO TRACK CARD)
.... ..1.	EXTFRMT	"X'02'" FORMAT REQUIRED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				End of Comment	
122	(7A)	BITSTRING	2	EXTDEVTP	DEVICE TYPE
124	(7C)	SIGNED	2	EXTRECTK	NUMBER OF RECORDS PER TRACK
126	(7E)	SIGNED	2	EXTGRPSZ	NUMBER OF RECORDS PER TRACK GROUP
128	(80)	SIGNED	2	EXTTKCYL	NUMBER OF TRACKS PER CYLINDER
130	(82)	SIGNED	2	EXTNDX	EXTENT NUMBER
132	(84)	SIGNED	2	EXTSPNDX	SPOOL PARTITION INDEX
134	(86)	SIGNED	2	EXTGRPSP	PARTITION RECORDS PER TRACK GROUP
136	(88)	SIGNED	4	EXTFRRAD	ADDR OF ORIGINAL FRR PARM AREA
140	(8C)	SIGNED	2	EXTASID	ASID OF FAILING ADDR SPACE
142	(8E)	BITSTRING	1	EXTFLAG2	Extent Flag 2
				Comment	
				End of Comment	
		1...		EXTXMEM	"X'80'" Link-up in cross-memory mode; an additional FRR exists
		.1..		EXTPURLK	"X'40'" Purge is holding the extent lock 0011
		..1.		EXT2X20	"X'20'" Reserved for IBM
		...1		EXT2X10	"X'10'" Reserved for IBM
		.... 1...		EXT2X08	"X'08'" Reserved for IBM
		.... .1..		EXT2X04	"X'04'" Reserved for IBM
		.... ..1.		EXT2X02	"X'02'" Reserved for IBM
		1		EXT2X01	"X'01'" Reserved for IBM
				Comment	
				End of Comment	
143	(8F)	BITSTRING	1	EXTFLAG3	Extent Flag 3
				Comment	
				End of Comment	
		1...		EXTNXTLK	"X'80'" Extent is being added to waiting for ISR queue
		.1..		EXT3X40	"X'40'" Reserved for IBM
		..1.		EXT3X20	"X'20'" Reserved for IBM
		...1		EXT3X10	"X'10'" Reserved for IBM
		.... 1...		EXT3X08	"X'08'" Reserved for IBM
		.... .1..		EXT3X04	"X'04'" Reserved for IBM
		.... ..1.		EXT3X02	"X'02'" Reserved for IBM
		1		EXT3X01	"X'01'" Reserved for IBM
144	(90)	SIGNED	4	EXTRSVS1 (2)	RESERVED FOR SERVICE
152	(98)	SIGNED	4	EXTRSVU1 (2)	RESERVED FOR USER

IATYIOP Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- FIELD EXTDEFPM MUST BEGIN ON A 16 BYTE BOUNDARY ----------	
				End of Comment	
160	(A0)	CHARACTER	1	EXTFILL1 (0)	
160	(A0)	BITSTRING	16	EXTDEFPM (0)	DEFINE EXTENT CCW PARAMETERS
160	(A0)	BITSTRING	1	EXTPRMSK	MASK BYTE
161	(A1)	BITSTRING	1	EXTATRIB	GLOBAL ATTRIBUTES
162	(A2)	BITSTRING	2	EXTRECSZ	RECORD SIZE
164	(A4)	BITSTRING	4	EXTRSVPM	RESERVED
168	(A8)	BITSTRING	4	EXTBEGIN	CCHH OF BEGINNING OF EXTENT
172	(AC)	BITSTRING	4	EXTXEND	CCHH OF END OF EXTENT
				Comment	
				---------- THE EXTENT ENTRY MUST END ON A 16 BYTE BOUNDARY ----------	
				End of Comment	
176	(B0)	CHARACTER	1	EXTFILL2 (0)	
176	(B0)	X'B0'	0	EXTEND	"*" END OF EXTENT TABLE ENTRY
176	(B0)	X'B0'	0	EXTFSIZE	"EXTEND-EXTSTART" - SIZE OF EXTENT TABLE ENTRY

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	RPSSTART	
0	(0)	BITSTRING	2	RPSDEVTP	DEVICE CLASS/TYPE
2	(2)	BITSTRING	2	RPSBUFSZ	RECORD LENGTH
4	(4)	BITSTRING	2	RPSRECTK	NUMBER OF RECORDS PER TRACK
6	(6)	BITSTRING	1	RPSTABLE (0)	START OF SECTOR TABLE
6	(6)	X'6'	0	RPSHSIZE	"*-RPSSTART"

IATYIOP Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
EXTASID	8C		EXTEND	B0	B0
EXTATRIB	A1		EXTFILL1	A0	
EXTBEGIN	A8		EXTFILL2	B0	
EXTBUFDA	78	20	EXTFLAGS	78	
EXTBUFRC	34	36	EXTFLAG2	8E	
EXTBUFSZ	34		EXTFLAG3	8F	
EXTBUSY	4		EXTFRMT	79	2
EXTCHCT	38		EXTFRRAD	88	
EXTCHN	5C		EXTFSIZE	B0	B0
EXTCTADR	14		EXTGRPSP	86	
EXTCTCYL	14		EXTGRPSZ	7E	
EXTCTHD	16		EXTHELD	79	20
EXTCTHIG	6C		EXTHIADR	10	
EXTCTLOG	68		EXTHICYL	10	
EXTCYLCT	2A		EXTHIGHR	74	
EXTDCBAD	20		EXTHIHD	12	
EXTDDNM	44		EXTIOCNT	30	
EXTDEFPM	A0		EXTIOPAD	18	
EXTDEL	79	4	EXTISRAD	2C	
EXTDEVTP	7A		EXTLKBSY	78	80
EXTDRAIN	79	40	EXTLOADR	C	

Name	Hex Offset	Hex Value
EXTLOCYL	C	
EXTLOHD	E	
EXTLOWR	70	
EXTLSTCY	28	
EXTNDX	82	
EXTNLEFT	64	
EXTNPEX	58	
EXTNXEXT	8	
EXTNXTLK	8F	80
EXTPRMSK	A0	
EXTPURLK	8E	40
EXTQPRMS	0	
EXTRECSZ	A2	
EXTRECTK	7C	
EXTREP	79	8
EXTRPSAD	24	
EXTRSTLK	4	FFFFFF
EXTRSVPM	A4	
EXTRSVS1	90	
EXTRSVU1	98	
EXTSAVE	3C	
EXTSETLK	4	0
EXTSIO	78	40
EXTSIZE	60	
EXTSPB	54	
EXTSPNDX	84	
EXTSPNM	4C	
EXTSTART	0	
EXTSTFLG	79	
EXTSTTD	79	10
EXTTGBEN	78	10
EXTTKCYL	80	
EXTUCBAD	1C	
EXTUNV	79	80
EXTWAITQ	0	
EXTXEND	AC	
EXTXMEM	8E	80
EXT2X01	8E	1
EXT2X02	8E	2
EXT2X04	8E	4
EXT2X08	8E	8
EXT2X10	8E	10
EXT2X20	8E	20
EXT3X01	8F	1
EXT3X02	8F	2
EXT3X04	8F	4
EXT3X08	8F	8
EXT3X10	8F	10
EXT3X20	8F	20
EXT3X40	8F	40
IOPCNTRL	F0	
IOPDSBCT	10C	
IOPEXTAB	EC	
IOPEXTCT	FC	
IOPEXTSZ	130	
IOPFEND	160	
IOPFLAGS	E4	
IOPFREEI	F4	
IOPFREES	100	
IOPFRISR	F0	
IOPFRSRB	100	
IOPFSIZE	160	160
IOPHIISR	118	
IOPHISRB	120	
IOPHSNEW	E4	40
IOPHSTRT	E4	80
IOPID	E0	
IOPINISR	0	
IOPISRQ	F8	
IOPISRSV	140	
IOPJASCB	E8	
IOPJSTRM	E4	10
IOPLOISR	114	
IOPLOSRB	11C	
IOPNISR	E4	20
IOPNQUES	132	
IOPNXTS	136	
IOPRPSSZ	128	
IOPRPSTB	124	
IOPRSVD	14C	
IOPRSVS	144	
IOPRSVS1	135	
IOPRSVU1	154	
IOPRSV01	12C	
IOPRSV02	134	
IOPRSV03	110	
IOPSRBCT	104	
IOPSRBQ	108	
IOPSRBWT	108	
IOPSTART	0	
IOPTSIZE	E5	
IOPVLARR	138	
IOPVLSIZ	13C	
IOPWTISR	F8	
RPSBUFSZ	2	
RPSDEVTP	0	
RPSHSIZE	6	6
RPSRECTK	4	
RPSSTART	0	
RPSTABLE	6	

IATYIQOS Programming Interface information

Programming Interface information

IATYIQOS

End of Programming Interface information

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IATYIQOS Heading Information

Common Name: DATA AREA INPUT LIST FOR IATIQOS/IATIQOI/IATIQOM
Macro ID: IATYIQOS
DSECT Name: IQOS
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IQOS
Offset: IQOSID
Length: 4
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0 (JESPOOL)
Key: 1 (JESKEY)
Residency: ANY
Size: IQOSSIZE
Created by: IATIQOS
Pointed to by: R13 IN IATIQOS/IATIQOI/IATIQOM,
FCTATFPF IN THE IATIQOI FCT.
Serialization: NONE
Function: THIS MACRO EXPANDS THE DATA AREA REQUIRED
FOR MODULES IATIQOS/IATIQOI/IATIQOM.

IATYIQOS Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	IQOS	
0	(0)	SIGNED	4	IQOSSTRT (0)	START OF IQOS DATA AREA
0	(0)	CHARACTER	4	IQOSID	PARAMETER LIST IDENTIFIER

Comment

DATA AREA

End of Comment

0	(0)	X'3'	0	MAXPARM	"3" MAX NUMBER OF PARMS FOR H=
8	(8)	DBL WORD	8	IQOSDBL	DOUBLE WORD AREA
16	(10)	SIGNED	4	IQOSYPRM	SAVE AREA FOR IATYPRM ADDR
20	(14)	SIGNED	4	IQOSSVR2	SAVE AREA FOR REGISTER, USED BY IATIQOS TO SAVE REG 2 AND BY IATIQOI TO SAVE REG 6
24	(18)	SIGNED	4	IQOSSVR5	SAVE AREA FOR REGISTER 5
28	(1C)	SIGNED	4	IQOSS012 (3)	SAVE AREA FOR REGISTERS 0-2 D014
40	(28)	SIGNED	4	IQOSSVR9	Save area for reg register 0035 used by IATIQOS to save 0035 reg 14 and by IATIQOI to0035 save reg 14 0035
44	(2C)	SIGNED	4	IQOSKA	SAVE AREA FOR KEYWORD ADDRESS AND REGISTER R2
48	(30)	SIGNED	4	IQOSLFS	SAVE AREA FOR LENGTH FIELDS OF THE KEYWORD AND PARAMETER
52	(34)	SIGNED	4	IQOSJDSP	JDS POINTER
56	(38)	SIGNED	4	(0)	
56	(38)	ADDRESS	4	IQOSIQOM	ADDRESS OF IATIQOM
60	(3C)	SIGNED	2	IQOSLPCT	WA FOR PRT8131 MSG RTN 0024
62	(3E)	SIGNED	2	IQOSRPCT	WA FOR PRT8131 MSG RTN 0024
64	(40)	ADDRESS	4	IQOSBMP	BIT MAP POINTER 0395
68	(44)	SIGNED	4	IQOSBMS	BIT MAP SIZE 0395
72	(48)	SIGNED	4	IQOSNBAS	Base job number
76	(4C)	SIGNED	4	IQOSBRSV	Reserved for IBM
80	(50)	BITSTRING	12	IQOSFDBS	FDB SAVE AREA
92	(5C)	BITSTRING	1	IQOSFDB	FDB FOR OSE'S

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment

					IQOSIMSK

					DEFINES WHAT KEYWORDS WERE GIVEN WITH A VALUE BY THE OPERATOR ON AN INQUIRY (I,U) COMMAND. AN EXAMPLE IS 'CL=A'. THIS FIELD IS USED TO SELECT MOSE/OSS/OSE CONTROL BLOCKS FOR THE COMMAND DISPLAY.

					End of Comment
104	(68)	BITSTRING	4	IQOSIMSK (0)	Selection mask
104	(68)	BITSTRING	1	IQOSIMK0	1ST BYTE
		1...		IQOSIJNA	"X'80'" J= JOB NAME
		.1..		IQOSIJNO	"X'40'" J= JOB NUMBER
		..1.		IQOSIDG	"X'20'" DG= DEVICE GROUP 0299
		...1		IQOSIP	"X'10'" P= PRIORITY
		.... 1...		IQOSIDST	"X'08'" D= DESTINATION
		.... .1..		IQOSIGT	"X'04'" GT= GENERAL TYPE
		.... .1..		IQOSIW	"X'04'" W= WRITER NAME
		.... ..1.		IQOSIST	"X'02'" ST= SPECIFIC TYPE
		.... ..1.		IQOSIDSD	"X'02'" DSID= 3540 DISKETTE ID
		1		IQOSIF	"X'01'" F= FORMS
105	(69)	BITSTRING	1	IQOSIMK1	2ND BYTE
		1...		IQOSIC	"X'80'" C= CARRIAGE TAPE/FCB
		.1..		IQOSIU	"X'40'" U= UCS
		..1.		IQOSICL	"X'20'" CL= CLASS
		...1		IQOSIUID	"X'10'" ID= USER ID
		.... 1...		IQOSICH	"X'08'" CH= CHARACTER TABLE
		.... .1..		IQOSIFFL	"X'04'" FL= FORMS FLASH
		.... ..1.		IQOSICMO	"X'02'" CM= COPY MODIFICATION
		1		IQOSISTK	"X'01'" SS= STACKER
106	(6A)	BITSTRING	1	IQOSIMK2	3RD BYTE
		1...		IQOSIDD	"X'80'" DD= DATASET DDNAME
		.1..		IQOSIL	"X'40'" L= LINE LIMIT
		..1.		IQOSIHY	"X'20'" H=Y OPERATOR HOLD
		...1		IQOSIHN	"X'10'" H=N "NO" OPERATOR HOLD
		.... 1...		IQOSITRM	"X'08'" T= TERMINAL NAME 0522
		.... .1..		IQOSIAGE	"X'04'" AGE= SELECT BY AGE
		.... ..1.		IQOSIDSN	"X'02'" DSN= DATASET NAME
		1		IQOSISL	"X'01'" SL= SECLABL
107	(6B)	BITSTRING	1	IQOSIMK3	4TH BYTE
		1...		IQOSIBT	"X'80'" BT= BDT TYPE
		.1..		IQOSIBJ	"X'40'" BJ= BDT JOB NUMBER
		..1.		IQOSIBG	"X'20'" BG=
		...1		IQOSIBS	"X'10'" BS=
		.... 1...		IQOSIAPC	"X'08'" APPC= KWD SPECIFIED
		.... .1..		IQOSISD	"X'04'" SECONDARY DESTINATION D003
		.... ..1.		IQOSIOTB	"X'02'" OB= OUTBIN ID 0146
		1		IQOSIBY	"X'01'" BY= Byte limit
					Comment

					IQOSIMSK Continuation

					End of Comment
108	(6C)	BITSTRING	4	IQOSINMK (0)	Selection mask
108	(6C)	BITSTRING	1	IQOSIMK4	5th byte
		1...		IQOSIPG	"X'80'" PG= Page limit
		.1..		IQOSIPAD	"X'40'" IP= IPADDR

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		IQOSIFMD	"X'20'" FD= FORMDEF
		...1		IQOSIPGD	"X'10'" PD= PAGEDEF
		.... 1...		IQOSICJ	"X'08'" CJ= Client job
		.... .1..		IQOSICJI	"X'04'" CJID= Client job id
		.... ..1.		IQOSICJN	"X'02'" CJNM= Client job name
109	(6D)	BITSTRING	1	IQOSIMK5	6th byte
110	(6E)	BITSTRING	1	IQOSIMK6	7th byte
111	(6F)	BITSTRING	1	IQOSIMK7	8th byte

Comment

IQOSOMSK

DEFINES WHAT INFORMATION SHOULD BE DISPLAYED FROM
THE OUTPUT SERVICE DATA BASE WHEN A KEYWORD IS GIVEN
WITH A '?' MARK. AN EXAMPLE IS 'ID=?'.
The IQOSOMSK bit settings match those of IQOSAMSK.

End of Comment

112	(70)	BITSTRING	4	IQOSOMSK (0)	Output mask
112	(70)	BITSTRING	1	IQOSOMK0	1ST BYTE
		1...		IQOSOJNA	"X'80'" J=? JOB NAME AND NUMBER
		.1..		IQOSOP	"X'40'" P=? PRIORITY
		..1.		IQOSODST	"X'20'" D=? DESTINATION
		...1		IQOSODSD	"X'10'" DSID= 3540 DISKETTE ID
		.... 1...		IQOSOW	"X'08'" W=? WRITER NAMES
		.... .1..		IQOSOST	"X'04'" ST=? SPECIFIC TYPE
		.... ..1.		IQOSOF	"X'02'" F=? FORMS
		1		IQOSOC	"X'01'" C=? CARRIAGE TAPE/FCB
113	(71)	BITSTRING	1	IQOSOMK1	2ND BYTE
		1...		IQOSOU	"X'80'" U=? UCS
		.1..		IQOSOCL	"X'40'" CL=? CLASS
		..1.		IQOSOUID	"X'20'" ID=? USER ID
		...1		IQOSOCH	"X'10'" CH=? CHARACTER TABLE
		.... 1...		IQOSOFFL	"X'08'" FL=? FORMS FLASH
		.... .1..		IQOSOCMO	"X'04'" CM=? COPY MODIFICATION
		.... ..1.		IQOSOSTK	"X'02'" SS=? STACKER
		1		IQOSODD	"X'01'" DD=? DATASET DDNAMES
114	(72)	BITSTRING	1	IQOSOMK2	3RD BYTE
		1...		IQOSOH	"X'80'" H=? HOLD STATUS
		.1..		IQOSOPM	"X'40'" PM=? PROCESS MODE
		..1.		IQOSODG	"X'20'" DG=? DEVICE GROUP 0299
		...1		IQOSOTRM	"X'10'" T=? TERMINAL NAME 0522
		.... 1...		IQOSOAGE	"X'08'" AGE=? DATA SET AGE
		.... .1..		IQOSODSN	"X'04'" DSN=? DATASET NAME
		.... ..1.		IQOSOSL	"X'02'" SL=? SECLABL
		1		IQOSOBT	"X'01'" BT=? BDT TYPE
115	(73)	BITSTRING	1	IQOSOMK3	4TH BYTE
		1...		IQOSOBJ	"X'80'" BJ=? BDT JOB NUMBER
		.1..		IQOSOBG	"X'40'" BG=? BDT GROUP
		..1.		IQOSOBS	"X'20'" BS=? BDT STATUS
		...1		IQOSOAPC	"X'10'" APPC=? APPC TRANSACTIONS
		.... 1...		IQOSOSD	"X'08'" SECONDARY DESTINATION D003
		.... .1..		IQOSOOTB	"X'04'" OB=? OUTBIN ID 0146
		.... ..1.		IQOSOIPA	"X'02'" IP=? IPADDR
		1		IQOSOFMD	"X'01'" FD=? FORMDEF

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

					Continuation of IQOSOMSK...
					The IQOSO2MK bit settings match those of IQOSA2MK.

				End of Comment	
116	(74)	BITSTRING	4	IQOSO2MK (0)	Output mask
116	(74)	BITSTRING	1	IQOSOMK4	5th byte
		1...		IQOSOPGD	"X'80'" PD=? PAGEDEF
		.1..		IQOSOCJ	"X'40'" CJ=? Client job
		..1.		IQOSO420	"X'20'" UNUSED
		...1		IQOSO410	"X'10'" UNUSED
		.... 1...		IQOSO408	"X'08'" UNUSED
		.... .1..		IQOSO404	"X'04'" UNUSED
		.... ..1.		IQOSO402	"X'02'" UNUSED
		1		IQOSO401	"X'01'" UNUSED
117	(75)	BITSTRING	1	IQOSOMK5	6th byte
118	(76)	BITSTRING	1	IQOSOMK6	7th byte
119	(77)	BITSTRING	1	IQOSOMK7	8th byte
				Comment	

					IQOSAMSK

					THIS FIELD WILL HAVE THE SAME BIT SETTINGS AS THE
					IQOSIMSK FIELD. THIS FIELD IS ADDED TO THE
					IQOSOMSK FIELD IN A REGISTER TO INDICATE WHAT
					INFORMATION MUST BE DISPLAYED.

				End of Comment	
120	(78)	BITSTRING	4	IQOSAMSK (0)	Add mask
120	(78)	BITSTRING	1	IQOSAMK0	1ST BYTE
		1...		IQOSAJNA	"X'80'" J=? JOB NAME AND NUMBER
		.1..		IQOSAP	"X'40'" P=? PRIORITY
		..1.		IQOSADST	"X'20'" D=? DESTINATION
		...1		IQOSADSD	"X'10'" DSID= 3540 DISKETTE ID
		.... 1...		IQOSAW	"X'08'" W=? WRITER NAMES
		.... .1..		IQOSAST	"X'04'" ST=? SPECIFIC TYPE
		.... ..1.		IQOSAF	"X'02'" F=? FORMS
		1		IQOSAC	"X'01'" C=? CARRIAGE TAPE/FCB
121	(79)	BITSTRING	1	IQOSAMK1	2ND BYTE
		1...		IQOSAU	"X'80'" U=? UCS
		.1..		IQOSACL	"X'40'" CL=? CLASS
		..1.		IQOSAUID	"X'20'" ID= USER ID
		...1		IQOSACH	"X'10'" CH= CHARACTER TABLE
		.... 1...		IQOSAFFL	"X'08'" FL= FORMS FLASH
		.... .1..		IQOSACMO	"X'04'" CM= COPY MODIFICATION
		.... ..1.		IQOSASTK	"X'02'" SS= STACKER
		1		IQOSADD	"X'01'" DD=? DATASET DDNAMES
122	(7A)	BITSTRING	1	IQOSAMK2	3RD BYTE
		1...		IQOSAH	"X'80'" H=? HOLD STATUS
		.1..		IQOSAPM	"X'40'" PM=? PROCESS MODE
		..1.		IQOSADG	"X'20'" DG= DEVICE GROUP 0299
		...1		IQOSATRM	"X'10'" T= TERMINAL NAME 0522
		.... 1...		IQOSAAGE	"X'08'" AGE= DATA SET AGE
		.... .1..		IQOSADSN	"X'04'" DSN= DATA SET NAME
		.... ..1.		IQOSASL	"X'02'" SL= SECLABL
		1		IQOSABT	"X'01'" BT= BDT TYPE
123	(7B)	BITSTRING	1	IQOSAMK3	4TH BYTE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		IQOSABJ	"X'80'" BJ= BDT JOB NUMBER
		.1..		IQOSABG	"X'40'" BG= BDT GROUP IDENTIFIER
		..1.		IQOSABS	"X'20'" BS= BDT STATUS
		...1		IQOSAR9	"X'10'" UNUSED
		.... 1...		IQOSASD	"X'08'" SECONDARY DESTINATION D003
		.... .1..		IQOSAOTB	"X'04'" OB= OUTBIN ID 0146
		.... ..1.		IQOSAIPA	"X'02'" IP= IPADDR
		1		IQOSAFMD	"X'01'" FD= FORMDEF

Comment

Continuation of IQOSAMSK...
The IQOSA2MK bit settings match those of IQOSO2MK.

End of Comment

124	(7C)	BITSTRING	4	IQOSA2MK (0)	Add mask
124	(7C)	BITSTRING	1	IQOSAMK4	5th byte
		1...		IQOSAPGD	"X'80'" PD=? PAGEDEF
		.1..		IQOSACJ	"X'40'" CJ= Client job
		..1.		IQOSA420	"X'20'" UNUSED
		...1		IQOSA410	"X'10'" UNUSED
		.... 1...		IQOSA408	"X'08'" UNUSED
		.... .1..		IQOSA404	"X'04'" UNUSED
		.... ..1.		IQOSA402	"X'02'" UNUSED
		1		IQOSA401	"X'01'" UNUSED
125	(7D)	BITSTRING	1	IQOSAMK5	6th byte
126	(7E)	BITSTRING	1	IQOSAMK6	7th byte
127	(7F)	BITSTRING	1	IQOSAMK7	8th byte

Comment

THE IQOSHREQ/IQOSWREQ/IQOSBREQ FIELDS DEFINE ALL THE 0
INFORMATION THAT SHOULD BE DISPLAYED WHEN THE
Q=<HOLD/WTR/BDT>,REQ=ALL IS GIVEN ON THE INQUIRY 0
COMMAND. THESE FIELDS ARE OR'ED 0
INTO THE IQOSOMSK FIELD IN MODULE IATIQOS IN THE
VALIDATE SUBROUTINE.

End of Comment

128	(80)	ADDRESS	4	IQOSHREQ	OMSK FOR 'Q=HOLD,REQ=ALL'
132	(84)	ADDRESS	4	IQOSWREQ	OMSK FOR 'Q=WTR,REQ=ALL'
136	(88)	ADDRESS	4	IQOSBREQ	OMSK FOR 'Q=BDT,REQ=ALL'

Comment

Bits for HLDREQ:
Byte 1: priority, destination, DSID, writer name,
forms, FCB
Byte 2: UCS, class, user id, character table, forms
flash, copy modification, stacker
Byte 3: hold status, process mode, SECLABEL
Byte 4: outbin id, IP address

End of Comment

136	(88)	BITSTRING	0	HLDREQ	"X'7BFEC206'" Mask for 'Q=HOLD,REQ=ALL'

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

					Bits for WTRREQ:
					Byte 1: priority, destination, specific type, forms, FCB
					Byte 2: UCS, class, user id, character table, forms flash, copy modification, stacker
					Byte 3: hold status, process mode, SECLABEL
					Byte 4: outbin id, IP address

				End of Comment	
136	(88)	BITSTRING	0	WTRREQ	"X'67FEC206'" Mask for 'Q=WTR,REQ=ALL'
				Comment	

					Bits for BDTREQ:
					Byte 1: job name and number, priority
					Byte 2: none
					Byte 3: hold status, BDT type
					Byte 4: BDT job number, BDT group, BDT status

				End of Comment	
136	(88)	BITSTRING	0	BDTREQ	"X'C00081E0'" Mask for 'Q=BDT,REQ=ALL'
140	(8C)	SIGNED	4	IQOSRQAD	RQ ADDRESS
144	(90)	CHARACTER	16	IQOSNODM	INDICATOR FOR DDNAME NAVAIL
160	(A0)	CHARACTER	10	IQOSWORK	WORK AREA
				Comment	

					STORAGE FOR INFORMATION GIVEN ON THE COMMAND.

		KEYWORD			
				End of Comment	
172	(AC)	SIGNED	4	(0)	
172	(AC)	BITSTRING	8	IQOSBG	BG= BDT GROUP IDENTIFIER
180	(B4)	BITSTRING	8	IQOSBS	BS= BDT STATUS
188	(BC)	BITSTRING	8	IQOSBT	BT= BDT TYPE
196	(C4)	BITSTRING	8	IQOSCTAP	C= CARRIAGE TAPE/ FCB ID
204	(CC)	BITSTRING	4	IQOSBJ	BJ= BDT JOB NUMBER
208	(D0)	BITSTRING	4		PADDING
212	(D4)	BITSTRING	1	IQOSCLS	CL= SYSOUT CLASS
213	(D5)	BITSTRING	3		PADDING
216	(D8)	BITSTRING	4	IQOSCH (4)	CH= CHARS
232	(E8)	BITSTRING	4	IQOSCM	CM= COPY MODIFICATION
232	(E8)	X'EC'	0	IQOSRC	"IQOSCM+4,1,X'00'"
237	(ED)	BITSTRING	3		PADDING
240	(F0)	BITSTRING	8	IQOSCONS	CONS= CONSOLE NAME
248	(F8)	CHARACTER	8	IQOSCART	CART of the command issuer

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description

Comment

```
QOSCNS IATYCNDB DSECT=NO CONS= RESP CONSOLE'S CNDB
  IATYCNDB_1:;
  START OF SPECIFICATIONS
 01 PROPRIETARY STATEMENT=
   PROPRIETARY_STATEMENT
   LICENSED MATERIALS - PROPERTY OF IBM
   THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
   5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
   STATUS= HJS6604
   END_OF_PROPRIETARY_STATEMENT
     This data area is maintained as a CASE mapping macro.
     Changes should be made to the CASE source and then
     the PLX and Assembler should be regenerated.
     Do NOT make changes to the PLX or Assembler directly!
 01 Descriptive Name: Console Destination Block
      Acronym: CNDB
 01 Macro Name: IATYCNDB
 01 DSECT Name: IATYCNDB
       --based variable for storage mapping
 01 Component: JES3 (SC1BA)
 01 Function:
 02 The console destination block is a control block that
      contains information related to the destination that
      messages should be sent to. This control block is built
      as commands are entered into to the system and is used by
      command processors as a destination for where to return
      messages to. The control block is imbeded in other
      control blocks and the size of the data area must not
      change (otherwise a JES3 cold start is required). The
      data is referenced by non-source maintained modules, so
      offsets into the data area must not change.
 01 Eye-Catcher: CNDBEYE
 02 Offset: 4
 02 Length: 4
 01 Language: PL/X
 01 Storage Attributes:
 02 Allocation Method: Imbeded within other control blocks
 02 Main Storage: 94
 02 Virtual Storage: 94
 02 Auxiliary Storage: 94
 02 Subpool: n/a
 02 Key: 1
 02 Data Space: N/A
 02 Residency: any
 02 Frequency: n/a
 02 Size: 94
 02 Created by: n/a
 02 Deleted by: n/a
 02 Pointed to by: Imbeded within other control blocks
 02 Serialization: none
 01 EXTERNAL CLASSIFICATION: DMTI
 01 END OF EXTERNAL CLASSIFICATION:
 01 Distribution Library: AJES3MAC
 01 Method Of access:
 02 ASM: IATYCNDB
 02 PLX: %INCLUDE SYSLIB(IATYCNDB)
```

```
  01 CHANGE ACTIVITY:
     $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
     $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
 %
```

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
256	(100)	SIGNED	4	IQOSCNS (0)	IATYCNDB.27: based variable for storage mapping
256	(100)	SIGNED	4		Four byte console id 0176
260	(104)	CHARACTER	4		IATYCNDB eyecatcher
264	(108)	ADDRESS	4		IATYCNDB version
268	(10C)	BITSTRING	8		Reserved for development
276	(114)	BITSTRING	8		Console Name 0176
284	(11C)	BITSTRING	24		Reserved for development
308	(134)	SIGNED	2		Reserved for development
310	(136)	BITSTRING	40		Reserved for development

Comment

```
QOSCNSL IATYCNDB DSECT=NO ORIGINAT'G CONS CNDB
  IATYCNDB_1:;
  START OF SPECIFICATIONS
  01 PROPRIETARY STATEMENT=
    PROPRIETARY_STATEMENT
    LICENSED MATERIALS - PROPERTY OF IBM
    THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
    5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
    STATUS= HJS6604
    END_OF_PROPRIETARY_STATEMENT
      This data area is maintained as a CASE mapping macro.
      Changes should be made to the CASE source and then
      the PLX and Assembler should be regenerated.
      Do NOT make changes to the PLX or Assembler directly!
  01 Descriptive Name: Console Destination Block
       Acronym: CNDB
  01 Macro Name: IATYCNDB
  01 DSECT Name: IATYCNDB
        --based variable for storage mapping
  01 Component: JES3 (SC1BA)
  01 Function:
  02 The console destination block is a control block that
       contains information related to the destination that
       messages should be sent to. This control block is built
       as commands are entered into to the system and is used by
       command processors as a destination for where to return
       messages to. The control block is imbeded in other
       control blocks and the size of the data area must not
       change (otherwise a JES3 cold start is required). The
       data is referenced by non-source maintained modules, so
       offsets into the data area must not change.
  01 Eye-Catcher: CNDBEYE
  02 Offset: 4
  02 Length: 4
  01 Language: PL/X
  01 Storage Attributes:
  02 Allocation Method: Imbeded within other control blocks
```

```
  02 Main Storage: 94
  02 Virtual Storage: 94
  02 Auxiliary Storage: 94
  02 Subpool: n/a
  02 Key: 1
  02 Data Space: N/A
  02 Residency: any
  02 Frequency: n/a
  02 Size: 94
  02 Created by: n/a
  02 Deleted by: n/a
  02 Pointed to by: Imbeded within other control blocks
  02 Serialization: none
  01 EXTERNAL CLASSIFICATION: DMTI
  01 END OF EXTERNAL CLASSIFICATION:
  01 Distribution Library: AJES3MAC
  01 Method Of access:
  02 ASM: IATYCNDB
  02 PLX: %INCLUDE SYSLIB(IATYCNDB)
  01 CHANGE ACTIVITY:
     $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
     $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
352	(160)	SIGNED	4	IQOSCNSL (0)	IATYCNDB.27: based variable for storage mapping
352	(160)	SIGNED	4		Four byte console id 0176
356	(164)	CHARACTER	4		IATYCNDB eyecatcher
360	(168)	ADDRESS	4		IATYCNDB version
364	(16C)	BITSTRING	8		Reserved for development
372	(174)	BITSTRING	8		Console Name 0176
380	(17C)	BITSTRING	24		Reserved for development
404	(194)	SIGNED	2		Reserved for development
406	(196)	BITSTRING	40		Reserved for development
446	(1BE)	BITSTRING	8	IQOSDEST	D= DESTINATION
454	(1C6)	BITSTRING	24	IQOSDDN	DD= DATASET NAME WITHOUT PERIODS (DDNAME)

Comment

```
-------------------------------------------------------------
      THE FOLLOWING FIVE FIELDS DEFINE THE DATA SET NAME AS
      BROKEN INTO THE 5 STRUCTURED FIELDS. THEY ARE
      USED AS INPUT TO THE JDSGET MACRO, THEY MUST REMAIN
      IN ORDER.
-------------------------------------------------------------
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
478	(1DE)	BITSTRING	1	IQOSDSN (0)	
478	(1DE)	BITSTRING	8	IQOSDSNU	USERID (IN JDS)
486	(1E6)	BITSTRING	8	IQOSDSNN	JOB NAME (IN JDS)
494	(1EE)	BITSTRING	8	IQOSDSNJ	JOBID (IN JDS)
502	(1F6)	BITSTRING	8	IQOSDSNB	DS NUMBER (IN JDS)
510	(1FE)	BITSTRING	8	IQOSDSNM	DS NAME (IN JDS) END OF DSNAME LIST
518	(206)	CHARACTER	26	IQOSSVDD	DD= DATASET NAME AS GIVEN ON THE COMMAND (DDNAME)
544	(220)	CHARACTER	44	IQOSSVDS	DSN= DATASET NAME AS GIVEN ON COMMAND
588	(24C)	SIGNED	2		PADDING
590	(24E)	BITSTRING	8	IQOSDST2	SECONDARY DESTINATION D003
598	(256)	BITSTRING	8	IQOSDSID	DSID= DATA SET ID
606	(25E)	BITSTRING	8	IQOSFORM	F= FORMS
614	(266)	BITSTRING	4	IQOSFL	FL= FLASH
618	(26A)	BITSTRING	1	IQOSHOLD	H= INPUT PARAMETER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
619	(26B)	BITSTRING	1	IQOSHTYP	HOLD TYPE
620	(26C)	SIGNED	2	IQOSPAD	PADDING D014
622	(26E)	CHARACTER	8	IQOSAPPC	APPC= TPNAME,TPID, OR '?'
630	(276)	BITSTRING	8	IQOSUSID	ID= USER ID
638	(27E)	BITSTRING	8	IQOSJOB	J= JOB IDENTIFIER
648	(288)	SIGNED	4	IQOSJOBB	BINARY JOB NUMBER
652	(28C)	BITSTRING	8	IQOSLINE	L= LINE COUNT IN CHAR
660	(294)	SIGNED	4	IQOSLNCT	L= LINE COUNT IN DEC
664	(298)	BITSTRING	8	IQOSBYTE	BY= Byte count in char
672	(2A0)	SIGNED	4	IQOSBYCT	BY= Byte count in dec
676	(2A4)	SIGNED	4	IQOSCNT	N= SET TO DEFAULT LINE COUNT AT BEGINNING
680	(2A8)	BITSTRING	1	IQOSPRTY	P= PRIORITY IN DECIMAL
681	(2A9)	BITSTRING	3	IQOSPTY	P= PRIORITY IN CHAR
684	(2AC)	BITSTRING	8	IQOSPAGE	PG= PAGE COUNT IN CHAR
692	(2B4)	SIGNED	4	IQOSPGCT	PG= PAGE COUNT IN DEC
696	(2B8)	BITSTRING	8	IQOSPM	PM= PROCESS MODE
704	(2C0)	BITSTRING	4	IQOSQUE	Q= QUE TO SEARCH
708	(2C4)	SIGNED	2	IQOSSEQ	S= SET TO DEFAULT DD SEQUENCE NUM AT BEG
710	(2C6)	BITSTRING	8	IQOSSL	SL= SECLABL
718	(2CE)	BITSTRING	1	IQOSSS	SS= STACKER
719	(2CF)	BITSTRING	1		PADDING
720	(2D0)	BITSTRING	8	IQOSDG	DG= GROUP NAME 0299
728	(2D8)	BITSTRING	4	IQOSUCS	U= UCS ID
732	(2DC)	BITSTRING	8	IQOSWNAM	W= EXT WTR NAME
740	(2E4)	SIGNED	4	IQOSAGE	TEMP AREA FOR AGE CALCS
744	(2E8)	SIGNED	4	IQOSTOD	TARGET TOD VALUE
748	(2EC)	SIGNED	4	IQOSSCNT	DATA SETS SELECTED COUNT
752	(2F0)	SIGNED	4	IQOSBDTS	BDT JOBS SELECTED COUNT
756	(2F4)	BITSTRING	4	IQOSOTBN	OB= OUTBIN ID 0146
760	(2F8)	CHARACTER	124	IQOSIPDR	IP= IPADDR
884	(374)	CHARACTER	6	IQOSPGDF	PD= Pagedef
890	(37A)	CHARACTER	6	IQOSFRDF	FD= Formdef
896	(380)	CHARACTER	8	IQOSCJ	CJ= Client job name, client job id, "Y", "N", or "?"
904	(388)	CHARACTER	8	IQOSCJID	CJID= Client job id, "Y", or "N"
912	(390)	CHARACTER	8	IQOSCJNM	CJNM= Client job name
920	(398)	SIGNED	4	IQOSRSV1 (4)	RESERVED FOR DEVELOPMENT

Comment

```
-------------------------------------------------------------
THE FOLLOWING VALUES ARE FROM THE CHART IN THE POP UNDER
THE SECTION "SETTING AND INSPECTING THE CLOCK". THEY
REPRESENT VALUES FOR THE SYSTEM TOD CLOCK FOR VARIOUS TIME
INTERVALS. THEY ARE ALL BASED ON A BASE DATE OF 1/1/1900.
-------------------------------------------------------------
```

End of Comment

936	(3A8)	SIGNED	4	(0)	ALLIGN ON FULLWORD
936	(3A8)	BITSTRING	4	IQOSTODD	CLOCK UNITS/DAY
940	(3AC)	BITSTRING	4	IQOSTODH	CLOCK UNITS/HOUR
944	(3B0)	BITSTRING	8	IQOSTYPE (0)	TYPE FIELDS
944	(3B0)	BITSTRING	3	IQOSGTYP	GT= GENERAL TYPE
947	(3B3)	BITSTRING	5	IQOSSTYP	ST= SPECIFIC TYPE

Comment

```
-------------------------------------------------------------
      IATXCNDB LIST FORM
-------------------------------------------------------------
      IATXCNDB MF=(L,IQOSXCDB)
               MACDATE -94/10/04-<3>
```

End of Comment

0	(0)	X'3B8'	0	M00M0004	"IQOSXCDB" ++ IATXCNDB NAME

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
952	(3B8)	DBL WORD	8	IQOSXCDB (0)	++ IATXCNDB PARM LIST
952	(3B8)	BITSTRING	1	IQOSXCDB_XVERSION	++ INPUT XVERSION
953	(3B9)	CHARACTER	6	IQOSXCDB_XEYECATCH	++ CONSTANT XEYECATCH
959	(3BF)	BITSTRING	2	IQOSXCDB_XFLAG1	++ FIELD_LABEL
959	(3BF)	BITSTRING	0	IQOSXCDB_XOPERATION_INITIALIZE	"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
959	(3BF)	BITSTRING	0	IQOSXCDB_XOPERATION_TRANSFER	"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD
959	(3BF)	BITSTRING	0	IQOSXCDB_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
959	(3BF)	BITSTRING	0	IQOSXCDB_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
959	(3BF)	BITSTRING	0	IQOSXCDB_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
959	(3BF)	BITSTRING	0	IQOSXCDB_XOPERATION_TRANSCONSID	"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
959	(3BF)	BITSTRING	0	IQOSXCDB_XOPERATION_TRANSROUT	"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
959	(3BF)	BITSTRING	0	IQOSXCDB_XOPERATION_EXTRACTCONSID	"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		IQOSXCDB_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		IQOSXCDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		IQOSXCDB_XOPERATION_EXTRACTROUT	"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		IQOSXCDB_XOPERATION_EXTRACTCART	"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
961	(3C1)	BITSTRING	1	IQOSXCDB_XABEND	++ INPUT
		1...		IQOSXCDB_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		IQOSXCDB_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
962	(3C2)	BITSTRING	1	IQOSXCDB_XUSERADDR	++ FIELD_LABEL XUSERADDR
963	(3C3)	CHARACTER	1	IQOSXCDB_XRSV001	++ RESERVED XRSV001
964	(3C4)	ADDRESS	4	IQOSXCDB_XCNDB	++ XCNDB
968	(3C8)	ADDRESS	4	IQOSXCDB_XOUTCNDB	++ XOUTCNDB
972	(3CC)	ADDRESS	4	IQOSXCDB_XINCNDB	++ XINCNDB
976	(3D0)	ADDRESS	4	IQOSXCDB_XCONSNM	++ XCONSNM
980	(3D4)	ADDRESS	4	IQOSXCDB_XCONSID	++ XCONSID
984	(3D8)	ADDRESS	4	IQOSXCDB_XOUTCONSID	++ XOUTCONSID
988	(3DC)	CHARACTER	2	IQOSXCDB_XRSV002	++ RESERVED XRSV002

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
990	(3DE)	BITSTRING	1	IQOSXCDB_XFLAG2	
					++ FIELD_LABEL
		1...		IQOSXCDB_XCMDIND_YES	
					"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		IQOSXCDB_XCMDIND_NO	
					"B'01000000'" ++ XCMDIND.NO KEYWORD
991	(3DF)	BITSTRING	1	IQOSXCDB_XKEYS	
					++ FIELD_LABEL
		1...		IQOSXCDB_KEYUSED_CMDIND	
					"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
992	(3E0)	ADDRESS	4	IQOSXCDB_XROUT	
					++ XROUT
996	(3E4)	ADDRESS	4	IQOSXCDB_XCART	
					++ XCART
1000	(3E8)	ADDRESS	4	IQOSXCDB_XOUTCONSNAME	
					++ XOUTCONSNAME
1004	(3EC)	ADDRESS	4	IQOSXCDB_XOUTCONSTYPE	
					++ XOUTCONSTYPE
1008	(3F0)	ADDRESS	4	IQOSXCDB_XOUTROUT	
					++ XOUTROUT
1012	(3F4)	ADDRESS	4	IQOSXCDB_XOUTCART	
					++ XOUTCART
1012	(3F4)	X'40'	0	IQOSXCDBL	"*-IQOSXCDB" ++ LENGTH OF PLIST

Comment

IATXCNDB-3

End of Comment

1016	(3F8)	BITSTRING	1	IQOSXCTP	XCNDB EXTRACTED CONSOLE TYPE

Comment

```
-----------------------------------------------------------
      IATXCSIF LIST FORM
-----------------------------------------------------------
      IATXCSIF MF=(L,IQSXCSIF) GENERATE LIST FORM
          MACDATE -94/03/21-<0>
```

End of Comment

0	(0)	X'400'	0	M00M0007	"IQSXCSIF" ++ IATXCSIF NAME
1024	(400)	DBL WORD	8	IQSXCSIF (0)	++ IATXCSIF PARM LIST
1024	(400)	BITSTRING	1	IQSXCSIF_XVERSION	
					++ INPUT XVERSION
1025	(401)	CHARACTER	6	IQSXCSIF_XEYECATCH	
					++ CONSTANT XEYECATCH
1031	(407)	CHARACTER	1	IQSXCSIF_XRSV0001	
					++ RESERVED XRSV0001
1032	(408)	ADDRESS	4	IQSXCSIF_XPARMLIST	
					++ XPARMLIST
1032	(408)	X'C'	0	IQSXCSIFL	"*-IQSXCSIF" ++ LENGTH OF PLIST

Comment

IATXCSIF-0

```
-----------------------------------------------------------
      IATXCSIF PARMLIST
-----------------------------------------------------------
```

End of Comment

1036	(40C)	SIGNED	4	IQOSXCSP (0)	XCSIF PARMLIST AREA
1036	(40C)	ADDRESS	4	IQOSXCSN	WORD 1: ADDRESS OF CONSOLE ...NAME AREA
1040	(410)	ADDRESS	4	IQOSXCSC	WORD 2: ADDRESS OF OUTPUT ...CNDB AREA

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment

					MESSAGE WORK AREA

					$RX=OS280 HJS6608 981217 PD0DR: OS 2.8.0
					End of Comment
1044	(414)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1044	(414)	ADDRESS	4	IQOSOUTM	Text Address
1048	(418)	BITSTRING	2		Destination Disp and Mask
1050	(41A)	BITSTRING	1		Flags and Priority
1051	(41B)	ADDRESS	1		Options Flag
1052	(41C)	BITSTRING	2		Descriptor Codes
1054	(41E)	SIGNED	2		Reserved 2 Bytes
1056	(420)	BITSTRING	17		Routing Codes
1073	(431)	BITSTRING	1	(3)	Reserved
1076	(434)	BITSTRING	1	(8)	Jobid
1084	(43C)	BITSTRING	1	(8)	Jobname
1092	(444)	BITSTRING	1	(8)	Key
1100	(44C)	ADDRESS	4		CNDB Address 1
1104	(450)	ADDRESS	4		CNDB Address 2
1108	(454)	ADDRESS	4		CNDB Address 3
1112	(458)	ADDRESS	4		CNDB Address 4
1116	(45C)	ADDRESS	4		CNDB Address 5
1120	(460)	ADDRESS	4		MLWO Address
1124	(464)	BITSTRING	1	IQOSOMSG (98)	OUTPUT MESSAGE AREA
1124	(464)	X'262'	0	IQOSLMSG	"610" LENGTH OF MESSAGE AREA
1734	(6C6)	CHARACTER	20	IQOSMGTT	SAVE AREA FOR VARIABLE 0399 PORTION OF MESSAGE IAT8121
1754	(6DA)	BITSTRING	1	IQOSFLG1	FLAG BYTE
					Comment

					DEFINITION OF IQOSFLG1

					End of Comment
		1...		IQOSCNTF	"X'80'" N= HAS BEEN SPECIFIED
		.1..		IQOSERIN	"X'40'" ERROR ON INPUT COMMAND
		..1.		IQOSEND	"X'20'" TERMINAL ERROR ON INPUT CMD
		...1		IQOSDDS	"X'10'" S= HAS BEEN SPECIFIED
		.... 1...		IQOSREQ	"X'08'" REQ= HAS BEEN SPECIFIED
		.... .1..		IQOSREQA	"X'04'" 'REQ=ALL' SPECIFIED
		.... ..1.		IQOSERRR	"X'02'" INDICATE FIRST RETRY ATTEMPT
		1		IQOSJOBF	"X'01'" INDICATE JOB FOUND
1755	(6DB)	BITSTRING	1	IQOSFLG2	FLAG BYTE
					Comment

					DEFINITION OF IQOSFLG2

					End of Comment
		1...		IQOSPCH	"X'80'" CH=(
		.1..		IQOSLOST	"X'40'" DQE NOT BUILT
		..1.		IQOSELK	"X'20'" OSE LOCK (RQOSELK) HELD
		...1		IQOSJCTR	"X'10'" JCT READ IN PROGRESS
		.... 1...		IQOSSUM	"X'08'" SUMMARY MESSAGE ONLY
		.... .1..		IQOSHLDD	"X'04'" DD= OR DSN= REQUIRED TO ACCESS OSE FOR HOLD TYPES

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		IQOSJDBS	"X'02'" CALL TO IATIQOM AS A RESULT OF A BUSY RETURN FROM JDSGET MACRO
		1		IQOSMHLD	"X'01'" H= PARMS Y OR N IN PARENS 0043
1756	(6DC)	BITSTRING	1	IQOSFLG3	FLAG BYTE

Comment

DEFINITION OF IQOSFLG3

End of Comment

		1...		IQOSWTR	"X'80'" SELECT WRITER QUEUE Q=WTR
		.1..		IQOSHLD	"X'40'" SELECT HOLD QUEUE Q=HOLD
		..1.		IQOSBDT	"X'20'" SELECT BDT QUEUE Q=BDT
1757	(6DD)	BITSTRING	1	IQOSFLG4	FLAG BYTE FOUR

Comment

DEFINITION OF IQOSFLG4

End of Comment

		1...		IQOSNAVL	"X'80'" NAVAIL RETURN FROM JDSGET
		.1..		IQOSDNUM	"X'40'" DSN=...DSNUMBER WAS GIVEN
		..1.		IQOSMEND	"X'20'" INDICATES LAST SEGMENT OF MESSAGE PROCESSED
		...1		IQOSPREN	"X'10'" PARENTHESIS USED IN KEYWORD PARAMETER AREA
		.... 1...		IQOSOBV	"X'08'" OUTBIN ID SPECIFIED ON 0146 *I U COMMAND 0146
		.... .111		IQOSF43F	"X'07'" RESERVED FOR SERVICE 0146
1758	(6DE)	CHARACTER	8	IQOSEJNM	Error job name
1766	(6E6)	CHARACTER	8	IQOSEJID	Error job id
1776	(6F0)	SIGNED	4	IQOSRSVD	Reserved for IBM
1780	(6F4)	SIGNED	2	IQOSBFNO	BUFFER NUMBER OF CURRENT OSE
1782	(6F6)	BITSTRING	1	IQOSFLG5	FLAG FIVE

Comment

DEFINITION OF IQOSFLG5

End of Comment

		1...		IQOSLNMI	"X'80'" Lines minus option
		.1..		IQOSPGMI	"X'40'" Pages minus option
		..1.		IQOSBYMI	"X'20'" Bytes minus option
		...1		IQOSSPIP	"X'10'" Specific IPADDR on input
		.... 1...		IQOSBJS	"X'08'" BJ= SPECIFIED
		.... .1..		IQOSDSDD	"X'04'" DD= OR DSN= REQUIRED WHEN SECONDARY DESTINATION INFORMATION IS REQUESTED
		.... ..1.		IQOSJOB0	"X'02'" JOB 0 COUNTED IN SUMMARY
		1		IQOSSWBR	"X'01'" SWB has been read in
1783	(6F7)	BITSTRING	1	IQOSFLG6	FLAG SIX

Comment

DEFINITION OF IQOSFLG6

End of Comment

		1...		IQOSAPCY	"X'80'" APPC=Y WAS CODED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.1..		IQOSAPCN	"X'40'" APPC=N WAS CODED
		..1.		IQOSAPCT	"X'20'" APPC=TPNAME WAS CODED
		...1		IQOSAPCI	"X'10'" APPC=TPID WAS CODED
		.... 1...		IQOSAPCQ	"X'08'" APPC=? WAS CODED
		.... .1..		IQOSAPCD	"X'04'" DD= OR DSN= WAS CODED
1784	(6F8)	BITSTRING	1	IQOSFLG7	Flag seven

Comment

Definition of IQOSFLG7

End of Comment

		1...		IQOSCJY	"X'80'" CJ=Y was coded
		.1..		IQOSCJN	"X'40'" CJ=N was coded
		..1.		IQOSCJQ	"X'20'" CJ=? was specified
		...1		IQOSCJS	"X'10'" Specific CJ was coded
		.... 1...		IQOSCJIY	"X'08'" CJID=Y was coded
		.... .1..		IQOSCJIN	"X'04'" CJID=N was coded
		.... ..1.		IQOSCJIS	"X'02'" Specific CJID was coded
		1		IQOSCJNS	"X'01'" Specific CJNM was coded
1785	(6F9)	BITSTRING	1	IQOSFLG8	Flag eight

Comment

Definition of IQOSFLG8

End of Comment

		1...		IQOSRDER	"X'80'" JESREAD error
		.1..		IQOSF840	"X'40'" Reserved for IBM
		..1.		IQOSF820	"X'20'" Reserved for IBM
		...1		IQOSF810	"X'10'" Reserved for IBM
		.... 1...		IQOSF808	"X'08'" Reserved for IBM
		.... .1..		IQOSF804	"X'04'" Reserved for IBM
		.... ..1.		IQOSF802	"X'02'" Reserved for IBM
		1		IQOSF801	"X'01'" Reserved for IBM
1786	(6FA)	BITSTRING	2	IQOSRSV2	Reserved for IBM

Comment

DATA QUEUE ELEMEMT (DQE)
THE DATA QUEUE ELEMENT (DQE) REPRESENTS WHAT
INFORMATION WILL BE DISPLAYED IN MESSAGE IAT8131.
MODULE IATIQOI REQUIRES THAT THE FIRST FIELD IN
THE DQE BE IQOSQCHN.

End of Comment

1788	(6FC)	SIGNED	4	IQOSQST1 (0)	ALIGNMENT
1788	(6FC)	SIGNED	4	IQOSQCHN	CHAIN FIELD (MUST BE FIRST)
1792	(700)	CHARACTER	4	IQOSQID	DATA QUEUE IDENTIFIER
1796	(704)	SIGNED	4	IQOSQLNS	L= LINE COUNT
1800	(708)	SIGNED	4	IQOSQPGS	PG= PAGE COUNT
1804	(70C)	SIGNED	4	IQOSQRCD	SR= SPOOL RECORD COUNT
1808	(710)	SIGNED	4	IQOSQBYT	BY= Byte count
1812	(714)	BITSTRING	1	IQOSQST2 (0)	
1812	(714)	BITSTRING	4	IQOSQCH (4)	CH= CHARS
1828	(724)	BITSTRING	24	IQOSQDDN	DD= DDNAME (WO/DOTS)
1852	(73C)	BITSTRING	40	IQOSQDSN (0)	DSN= DSNAME (WO/DOTS)
1852	(73C)	BITSTRING	8	IQOSQDSU	USERID (FROM RQ)
1860	(744)	BITSTRING	8	IQOSQDSE	JOB NAME (FROM RQ)
1868	(74C)	BITSTRING	8	IQOSQDSJ	JOBNUM (FROM RQ)

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1876	(754)	BITSTRING	8	IQOSQDSD	DSNUM (FROM JDS)
1884	(75C)	BITSTRING	8	IQOSQDSM	DSNAME (FROM JDS)
1892	(764)	BITSTRING	8	IQOSQBG	BG= BDT GROUP IDENTIFIER
1900	(76C)	BITSTRING	8	IQOSQBS	BS= BDT STATUS
1908	(774)	BITSTRING	8	IQOSQBT	BT= BDT TYPE
1916	(77C)	BITSTRING	8	IQOSQBJ	BJ= BDT JOB NUMBER
1924	(784)	BITSTRING	8	IQOSQCTP	C= CARRIAGE TAPE/FCB
1932	(78C)	BITSTRING	8	IQOSQDST	D= DESTINATION
1940	(794)	BITSTRING	8	IQOSQSDT	SECONDARY DEST D003
1948	(79C)	BITSTRING	8	IQOSQDSI	DSID= DSID
1956	(7A4)	BITSTRING	8	IQOSQFRM	F= FORMS
1964	(7AC)	BITSTRING	8	IQOSQUID	ID= USER ID
1972	(7B4)	BITSTRING	8	IQOSQNAM	J= JOB NAME
1980	(7BC)	BITSTRING	8	IQOSQPM	PM= PROCESS MODE
1988	(7C4)	BITSTRING	8	IQOSQTYP	GT=/ST= DEVICE TYPE
1996	(7CC)	BITSTRING	8	IQOSQDG	DG= DEVICE GROUP 0299
2004	(7D4)	BITSTRING	8	IQOSQWNM	W= EXTERNAL WRITER NAME
2012	(7DC)	BITSTRING	4	IQOSQFL	FL= FLASH
2016	(7E0)	BITSTRING	4	IQOSQUCS	U= UCS ID
2020	(7E4)	BITSTRING	4	IQOSQCM	CM= COPY MODIFICATION
2020	(7E4)	X'7E8'	0	IQOSQRC	"IQOSQCM+4,1,X'00'" REFERENCE CHARACTER
2025	(7E9)	CHARACTER	1	IQOSQCLS	CL= SYSOUT CLASS
2026	(7EA)	BITSTRING	1	IQOSQCPY	COPY= COPY COUNT
2027	(7EB)	BITSTRING	1	IQOSQHLD	H= HOLD STATUS
2028	(7EC)	BITSTRING	1	IQOSQHTP	HOLD TYPE FOR DQE
2029	(7ED)	BITSTRING	2	IQOSQRSV	RESERVED FOR DEVELOPMENT
2031	(7EF)	BITSTRING	1	IQOSQRSN	REASON FOR HOLD FOR DQE
2032	(7F0)	BITSTRING	8	IQOSQMID	FSS/FSA RELDS MESSAGE ID D011
2040	(7F8)	SIGNED	2	IQOSQSEQ	S= DDNAME SEQUENCE NUMBER
2042	(7FA)	BITSTRING	8	IQOSQSL	SL= SECLABL
2050	(802)	BITSTRING	1	IQOSQSS	SS= STACKER
2051	(803)	ADDRESS	1	IQOSQPTY	P= PRIORITY
2052	(804)	SIGNED	4	IQOSQNUM	J= Job number
2056	(808)	BITSTRING	8	IQOSQCLK (0)	
2056	(808)	SIGNED	4	IQOSQAGD	AGE= AGE IN DAYS
2060	(80C)	SIGNED	4	IQOSQAGH	AGE= AGE IN HOURS
2064	(810)	CHARACTER	8	IQOSQAPT	APPC= TPNAME D014
2072	(818)	CHARACTER	8	IQOSQAPI	APPC= TPID
2080	(820)	BITSTRING	4	IQOSQOTB	OB= OUTBIN ID 0146
2084	(824)	CHARACTER	124	IQOSQIPA	IP= IPADDR
2208	(8A0)	CHARACTER	6	IQOSQPGD	PD= Pagedef
2214	(8A6)	CHARACTER	6	IQOSQFRD	FD= Formdef
2220	(8AC)	CHARACTER	8	IQOSQCJI	CJ= Client job id
2228	(8B4)	CHARACTER	8	IQOSQCJN	CJ= Client job name
2236	(8BC)	BITSTRING	1	IQOSQFLG	QUEUE FLAG BYTE
		1...		IQOSQPTF	"X'80'" PRIORITY FIELD VALID
		.1..		IQOSQCNT	"X'40'" LINE/PAGE COUNT VALID
		..1.		IQOSQNOD	"X'20'" NO ENTRIES ARE DUPLICATE
		...1		IQOSQNDD	"X'10'" NO DDN'S- JDS BUSY
		.... 1...		IQOSQSEP	"X'08'" OSE QUEUED SEPARATELY
		.... .1..		IQOSQOSE	"X'04'" OSE FOUND FOR REQ=?
		.... ..1.		IQOSQAGE	"X'02'" DATA SET AGET EXISTS
		1		IQOSQAPC	"X'01'" APPC SHOULD BE DISPLAYED
2237	(8BD)	BITSTRING	1	IQOSQFL2	QUEUE FLAG BYTE D014
		1...		IQOSQSKP	"X'80'" SKIP THIS DQE D014
		.1..		IQOSQOTS	"X'40'" OUTBIN ID FOUND IN OSE 0146
		..1.		IQOSQCJ	"X'20'" CJ should be displayed
2240	(8C0)	SIGNED	4	IQOSQND (0)	
1788	(6FC)	BITSTRING	0	IQOSQ (0)	
1812	(714)	BITSTRING	0	IQOSQDTA (0)	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		IATYEQU JES3 STANDARD EQUATES JES3 STANDARD EQUATES 01 Change Activity: $SF= z1.4.0 HJS7707 020104 PD0PK: z 1.4.0 0 ---------- GENERAL EQUATES ----------			
				End of Comment	
2240	(8C0)	X'0'	0	NOP	"0" NO OPERATION
2240	(8C0)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
2240	(8C0)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
2240	(8C0)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE
2240	(8C0)	X'C1'	0	CHARA	"C'A'" CHARACTER A
2240	(8C0)	X'C6'	0	CHARF	"C'F'" CHARACTER F
2240	(8C0)	X'6B'	0	CHARCMMA	"C','" CHARACTER COMMA
				Comment	
		---------- AFTER COMPARE INSTRUCTIONS ----------			
				End of Comment	
2240	(8C0)	X'2'	0	GT	"2" A HIGH
2240	(8C0)	X'4'	0	LT	"4" A LOW
2240	(8C0)	X'7'	0	NE	"7" A NOT EQUAL B
2240	(8C0)	X'8'	0	EQ	"8" A EQUAL B
2240	(8C0)	X'B'	0	GE	"11" A NOT LOW
2240	(8C0)	X'D'	0	LE	"13" A NOT HIGH
				Comment	
		---------- AFTER ARITHMETIC INSTRUCTIONS ----------			
				End of Comment	
2240	(8C0)	X'1'	0	OV	"1" OVERFLOW
2240	(8C0)	X'2'	0	PLUS	"2" PLUS
2240	(8C0)	X'4'	0	MINUS	"4" MINUS
2240	(8C0)	X'7'	0	NZERO	"7" NOT ZERO
2240	(8C0)	X'8'	0	ZERO	"8" ZERO
2240	(8C0)	X'8'	0	ZEROS	"8" ZERO
2240	(8C0)	X'B'	0	NMINUS	"11" NOT MINUS
2240	(8C0)	X'C'	0	NOV	"12" NOT OVERFLOW #0337
2240	(8C0)	X'D'	0	NPLUS	"13" NOT PLUS
				Comment	
		---------- AFTER TEST UNDER MASK INSTRUCTIONS ----------			
				End of Comment	
2240	(8C0)	X'1'	0	ALLON	"1" ALL ON
2240	(8C0)	X'4'	0	MIXED	"4" MIXED
2240	(8C0)	X'5'	0	NALLOFF	"5" ALLON+MIXED
2240	(8C0)	X'8'	0	ALLOFF	"8" ALL OFF
2240	(8C0)	X'C'	0	NALLON	"12" ALLOFF+MIXED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- AFTER TEST AND SET INSTRUCTION ----------
					End of Comment
2240	(8C0)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
2240	(8C0)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED
					Comment
					---------- AFTER LOAD REAL ADDRESS INSTRUCTION. ----------
					End of Comment
2240	(8C0)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
2240	(8C0)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
2240	(8C0)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
2240	(8C0)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
2240	(8C0)	X'1'	0	LENTHINV	"1" LENGTH INVALID
					Comment
					---------- SYMBOLS USED FOR ACCESS REGISTER MODE ----------
					End of Comment
2240	(8C0)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
2240	(8C0)	X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF
					Comment
					---------- Data Space Related Equates ----------
					End of Comment
		....		DSPCMXSZ	"X'80000000'" Maximum data space size (2 Gigabytes)
					Comment
					---------- JES3 SYSTEM LIMITS ----------
					End of Comment
2240	(8C0)	X'20'	0	J3MAXMP	"32" MAXIMUM NUMBER OF MAIN PROCESSORS IN A SINGLE JES3 COMPLEX
					Comment
					TRACE TABLE SIZES ARE SPECIFIED IN BYTES
					End of Comment
2240	(8C0)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
2240	(8C0)	X'1E018'	0	J3NUCTRC	"122904" SIZE OF NUC PATH TRACE TABLE
2240	(8C0)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
2240	(8C0)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
2240	(8C0)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					"999999" This is the largest job number allowed in the system.
2240	(8C0)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.
2240	(8C0)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
2240	(8C0)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.

Comment

The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes.

End of Comment

2240	(8C0)	BITSTRING	0	MAXIMUM_JOB_NUMBER_MASK	"X'FFFF'" This mask is used to clear the high order bytes from a word after placing a compatible job number into the low order bytes using an ICM with a mask of B'0011'.
2240	(8C0)	X'FFFF'	0	SPECIAL_JOB_XFFFF	"65535" As a compatible job number, indicates that the job number lives in a four byte field.
2240	(8C0)	X'F423F'	0	UNLIMITED_DSP_COUNT	"999999" As a DSP count this value indicates an "unlimited" count.
2240	(8C0)	BITSTRING	0	UNLIMITED_JOB_COUNT	"X'FFFFFFFF'" As a job count this value indicates an "unlimited" count such as a display count on certain commands with N=ALL.
2240	(8C0)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
2240	(8C0)	X'10'	0	JOB_NUMBER_SHIFT	"16" To load a compatible job number into the low order bytes of a fullword and clear the other bytes, it is possible to ICM the job number with a mask of B'1100' and then shift it to the right using this equate. This must be done instead of clearing the target register before the ICM in cases where the target register is also a base address; e.g.: ICM R2,B'1100',xxx(R2).

Comment

SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT

End of Comment

		....		EQUHOBON	"X'80000000'" HIGH ORDER BIT ON
2240	(8C0)	BITSTRING	0	EQUHOBOF	"X'7FFFFFFF'" HIGH ORDER BIT OFF

Comment

SYMBOLS USED FOR SECURITY

End of Comment

2240	(8C0)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2240	(8C0)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
2240	(8C0)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
2240	(8C0)	X'F0'	0	SAFEXTSP	"240" SUBPOOL USED FOR RETURNING EXTRACTED INFORMATION FROM THE SECURITY PRODUCT

Comment

```
-------------------------------------------------------------
      Subpool shared between the IATINTK and IATNUC tasks.
      Storage that needs to be obtained by one task and
      freed by the other task should be obtained in this
      subpool. Subpool zero cannot be used since subpool
      zero is not shared between these tasks.
-------------------------------------------------------------
```

End of Comment

2240	(8C0)	X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool

Comment

```
          OUTPUT SELECT PARAMETERS
01 Change Activity:
  $SF=z1.4.0 HJS7707 011218 ID1RS: z 1.4.0 0
```

End of Comment

2240	(8C0)	SIGNED	4	WSPSTART (0)	
2240	(8C0)	SIGNED	2	WSPTEJBC	Compatible with WSPTEJBI - see IATXJBNO macro
2242	(8C2)	CHARACTER	8	WSPTEUID	USER ID (SYSOUT)
2242	(8C2)	X'8C2'	0	WSPJOBID	"WSPTEUID" JOB ID (SYSOUT)
2240	(8C0)	ADDRESS	4	WSPCHAIN	WAIT FOR WORK CHAIN FIELD
2240	(8C0)	X'8C0'	0	WSPRECRD	"WSPCHAIN" TOTAL RECORDS PENDING JOB
2244	(8C4)	ADDRESS	4	WSPAECF	ECF ADDRESS, NEW WORK
2248	(8C8)	BITSTRING	1	WSPMASK	ECF MASK FIELD, NEW WORK
2249	(8C9)	BITSTRING	1	WSPHWCNT	COUNT OF OUTSERV FCT'S 0370 WAITING TO PROCESS THIS 0370 HOT WRITER 0370
2250	(8CA)	BITSTRING	1	WSPFLAG	FLAG BYTE

Comment

```
-------------------------------------------------------------
          DEFINITION OF WSPFLAG
-------------------------------------------------------------
```

End of Comment

1...	....	WSPOSELK	"X'80'" RQ OSE LOCK HELD
.1..	....	WSPSSREQ	"X'40'" SUBSYSTEM REQUEST
..1.	....	WSPSYSRQ	"X'20'" PROCESS SYSOUT REQUEST
...1	....	WSPDEL	"X'10'" DELETE REQUEST
....	1...	WSPREL	"X'08'" RELEASE REQUEST
....	.1..	WSPPUT	"X'04'" PUT REQUEST
....	..1.	WSPGET	"X'02'" GET REQUEST
....	...1	WSPSCHED	"X'01'" SCHEDULE REQUEST

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- THE FOLLOWING FLAGS ARE DOUBLE DEFINED. THEY ARE ONLY USED BY IATOSPC FOR PROCESS SYSOUT REQUESTS. THE FLAGS THEY ARE EQUATED TO ARE USED BY IATOSSC AND IATOSWS FOR OUTPUT SERVICE REQUESTS. ----------
					End of Comment
2250	(8CA)	X'10'	0	WSPFIRRQ	"WSPDEL" FIRST SYSOUT PSO REQUEST
2250	(8CA)	X'8'	0	WSPOKRET	"WSPREL" REQUEST ENDED SUCCESSFULLY
2250	(8CA)	X'1'	0	WSPRQCMP	"WSPSCHED" REQUEST IS COMPLETE
2251	(8CB)	BITSTRING	1	WSPFLG1	FLAG BYTE 1
					Comment
					---------- DEFINITION OF WSPFLG1 WSPPEND (Writer) and WSPTSO (PSO) doubly defined WSPCKPRQ (PSO) and WSPSAFFL (OUTSERV) doubly defined ----------
					End of Comment
		1...		WSPCKPT	"X'80'" CHECKPOINT DATA SET FOUND
		.1..		WSPCMPL	"X'40'" THIS JOB IS COMPLETE
		..1.		WSPPOSTD	"X'20'" WRITER POSTED
		...1		WSPSTRTD	"X'10'" WRITER STARTED
		.... 1...		WSPPEND	"X'08'" PENDING ENTRY FOUND
2251	(8CB)	X'8'	0	WSPTSO	"WSPPEND" TSO REQUEST FOR PSO WSP
		.... .1..		WSPCHNGE	"X'04'" CHANGE FOUND
		.... ..1.		WSPFAILD	"X'02'" FAILURE HAS OCCURED.
		1		WSPCKPRQ	"X'01'" CHECKPOINT REQUIRED
2251	(8CB)	X'1'	0	WSPSAFFL	"WSPCKPRQ" SAF call failed during wait queue search
2252	(8CC)	SIGNED	4	(0)	WORD ALIGNMENT 3429
					Comment
					---------- The fields WSPOSTJC and WSPFDBT are doubly defined. WSPOSTJC, in conjunction with WSPOSTJI, is used only for hot writer wait queue processing. ----------
					End of Comment
2252	(8CC)	SIGNED	2	WSPOSTJC	Compatible with WSPOSTJI - see IATXJBNO macro
2252	(8CC)	BITSTRING	14	WSPFDBT	TEMP OSE FDB & SEQ. NO
2266	(8DA)	SIGNED	2	WSPLEN	Length of WSP
2268	(8DC)	BITSTRING	6	WSPJDS	JDS SPOOL ADDRESS SAVE AREA
2274	(8E2)	BITSTRING	1	WSPFLG8	FLAG BYTE 8
					Comment
					---------- DEFINITION OF WSPFLG8 (CLEARED UPON ENTRY TO IATOSPC) ----------
					End of Comment
		1...		WSPRQACC	"X'80'" SET WHEN RQ ACCESS OBTAINED BY THE IATXARQ MACRO, RESET WHEN RQ ACCESS IS RELEASED
		.1..		WSPBDTRQ	"X'40'" PSO REQUEST IS FROM BDT

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..1.		WSPNJERT	"X'20'" PSO REQUEST IS FROM REROUTE
		...1		WSPNJERD	"X'10'" PSO REQUEST IS FROM NJERDR
		.... 1...		WSPRQPRM	"X'08'" PARM RQ SUPPLIED ON INPUT
		.... .1..		WSPJBFND	"X'04'" OSS/MOSE INDICATES WORK EXISTS
		.... ..1.		WSPHWWQP	"X'02'" Set when Hot Writer Wait Queue post occurred
		1		WSP8RSV3	"X'01'" RESERVED FOR SERVICE
2275	(8E3)	BITSTRING	1	WSPOSPC	IATOSPC ERROR REASON CODE

Comment

DEFINITION OF OSPC ERROR REASON CODE

End of Comment

		....		WSPRCCL	"X'00'" NO ERROR CODE ASSOCIATED
		1		WSPRCJOB	"X'01'" BAD JOB NAME/NUMBER/RSQ
		.... ..1.		WSPRCPSO	"X'02'" INVALID USER OF PSO WITH GROUP ID SELECTION
		11		WSPRCRQ	"X'03'" RSQ REQUIRED BUT IS MISSING
		.... .1..		WSPRCDAC	"X'04'" JOB IS BEING DUMPED
		.... .1.1		WSPRCOUT	"X'05'" NO OUTPUT
		.... .11.		WSPRCINV	"X'06'" INVALID SEARCH ARGUEMENT
		.... .111		WSPRCAWR	"X'07'" AWRITE ERROR
		.... 1...		WSPRCDAT	"X'08'" INVALID DATA
		1111 1111		WSPRCDMP	"X'FF'" SEVERE ERROR - DUMP ALREADY GENERATED
2276	(8E4)	BITSTRING	1	WSPFDBSV	SAVE FDB FOR PREVIOUS OSE

Comment

THE FOLLOWING THREE FIELDS MAP THE PARAMETER LIST
USED BY THE WRTCHAIN ERROR RECOVERY RTN (IATXERCV)
AND MUST REMAIN CONSECUTIVE.

End of Comment

2288	(8F0)	BITSTRING	0	WSPERCVW (0)	WORK AREA FOR IATXERCV MACRO
2288	(8F0)	BITSTRING	14	WSPRQFDB	WORK FDB & BUFFER NUMBER
2302	(8FE)	CHARACTER	4	WSPOSEID	ID FOR OSE
2306	(902)	BITSTRING	2	WSPCKJBC	Compatible checkpoint jobid

Comment

WSPRSV01 uses the same area occupied by WSPCRJOB in
releases prior to HJS7705. Do not use this area
until HJS7703 and all lower releases are out of
service.

End of Comment

2308	(904)	CHARACTER	2	WSPRSV01	' Reserved - do not use
2310	(906)	BITSTRING	1	WSPFLG9	Flag byte 9

Comment

DEFINITION OF WSPFLG9

End of Comment

		1...		WSPXJMR	"X'80'" IATXJMR issued - field WSPSAVE contains the data set entry pointer
		.1..		WSPQCHG	"X'40'" Dataset is moving from hold queue to writer queue

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..1.		WSPDFDST	"X'20'" Destination restored to default
		...1		WSPSRCHP	"X'10'" OSES000 should search for previous OSE buffer if not provided
		.... 1...		WSPNDOPT	"X'08'" Writer output pending 0089
		.... .1..		WSPFL904	"X'04'" Reserved for service
		.... ..1.		WSPFL902	"X'02'" Reserved for service
		1		WSPFL901	"X'01'" Reserved for service
2311	(907)	BITSTRING	1	WSPFLG7	FLAG BYTE 7

Comment

DEFINITION OF WSPFLG7
(CLEARED UPON ENTRY TO IATOSPC)

End of Comment

		1...		WSPCDEST	"X'80'" DEST CHANGED BY CLASS
		.1..		WSPUNSCH	"X'40'" OSPC UNSCHEDULED AN OSE 0668
		..1.		WSPPBSKP	"X'20'" A BUFFER WAS SKIPPED USING RCE/CSBT OR DELETED
		...1		WSPCLNUP	"X'10'" CLEANUP OPTION SPECIFIED ON AN IATXPOSE CALL
		.... 1...		WSPFL708	"X'08'" Reserved for IBM

Comment

THIS LINE DELETED BY APAR OW32807

End of Comment

		.... .1..		WSPJOBRP	"X'04'" JOB REPOSITION INDICATOR
		.... ..1.		WSPFL702	"X'02'" Reserved for IBM
		1		WSPFL701	"X'01'" Reserved for IBM
2312	(908)	SIGNED	4	WSPSECPT	POINTER TO GETMAINED AREA FOR USE BY IATXSEC
2316	(90C)	SIGNED	4	WSPSAVE	WORK SAVE AREA
2320	(910)	SIGNED	4	WSPPSCPT	PTR TO PSSC CONTROL BLOCK 0357 (The D.F.R. memorial PSSC 0049 pointer) 0049
2324	(914)	SIGNED	2	WSPBUFNB	OSE BUFFER NUMBER
2326	(916)	SIGNED	2	WSPOFFST	OSE OFFSET VALUE
2328	(918)	CHARACTER	1	WSPCCNTL	OSE CARRIAGE CONTROL VALUE
2329	(919)	BITSTRING	4	WSPFFDBV	OSE FDB VALIDITY VALUE
2333	(91D)	BITSTRING	3	WSPRSVDV	RESERVED FOR DEVELOPMENT
2336	(920)	CHARACTER	80	WSPTOKEN	SECURITY TOKEN 0318 INBOUND-CALLER'S UTOKEN OUTBOUND-RETURNED DATA SET'S RTOKEN
2416	(970)	CHARACTER	4	WSPID	WSP eyecatcher 0075
2420	(974)	ADDRESS	4	WSPYOSPC	IATYOSPC address 0075
2424	(978)	ADDRESS	4	WSPTEJBI	Extended jobid 0075
2428	(97C)	ADDRESS	4	WSPCKJBI	Checkpoint jobid 0075
2432	(980)	ADDRESS	4	WSPOSTJI	Hot writer queue post 0075 jobid 0075
2436	(984)	BITSTRING	33	WSPRSVS4	Reserved for IBM 0075
2469	(9A5)	BITSTRING	1	WSPFLG4	FLAG BYTE 4

Comment

DEFINITION OF WSPFLG4

End of Comment

		1...		WSPRCERR	"X'80'" RECURSIVE ERROR OCCURRED
		.1..		WSPBHOLD	"X'40'" INDICATES SELECTION OF HOLD 0505 TYPE (OSEWHOLD) BDT OSES 0505 FOR NJEROUT 0505
		..1.		WSPSAPRO	"X'20'" STAGING AREA IS BEING PROCESSED
		...1		WSPCTRL1	"X'10'" OSBPRECV IN CONTROL 0681

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		WSPCTRL2	"X'08'" OSDRSNAF IN CONTROL 0681
		.... .1..		WSPLTOS	"X'04'" HOLD OSE CHANGED FROM LOCAL 0681 TO SNA/NJE DESTINATION 0681
		.... ..1.		WSPURSTA	"X'02'" WTD TO PURGE THE STAR
		1		WSPRQINV	"X'01'" INVALID REQUEST
2470	(9A6)	BITSTRING	1	WSPFLG5	FLAG BYTE 5

Comment

```
-----------------------------------------------------------
        DEFINITION OF WSPFLG5
-----------------------------------------------------------
```

End of Comment

		1...		WSPSAPEN	"X'80'" STAGING AREA IS PENDING PROCESSING
		.1..		WSPCSBT	"X'40'" RCE/CSBT STRUCTURE EXISTS
		..1.		WSPDSHLD	"X'20'" ALL DATA SETS ARE HELD
		...1		WSPDSRST	"X'10'" A DATA SET IS RESTARTABLE
		.... 1...		WSPBCMPL	"X'08'" OSE BUFFER IS COMPLETE
		.... .1..		WSPMLREQ	"X'04'" MULTIPLE DATA SET REQUEST
		.... ..1.		WSPLTSNO	"X'02'" OSE CHANGED FROM LOCAL TO 0105 SNA/NJE DESTINATION WHEN 0105 NO OUTPUT STATEMENTS USED 0105
		1		WSPSADUM	"X'01'" DUMMY STAGING AREA FOR CLEANUP PURPOSES
2471	(9A7)	BITSTRING	1	WSPFLG6	FLAG BYTE 6

Comment

```
-----------------------------------------------------------
        DEFINITION OF WSPFLG6
        (CLEARED UPON ENTRY TO IATOSPC)
-----------------------------------------------------------
```

End of Comment

		1...		WSPGTMND	"X'80'" AGETMAIN FOR IATYSEC DONE
		.1..		WSPNOSAF	"X'40'" IATXSEC SAF CALL NOT NEEDED
		..1.		WSPDSTSK	"X'20'" DATA SET ENTRY IN OSE WAS SKIPPED-SECURITY REJECT
		...1		WSPPSOSC	"X'10'" OSPCW000 RECEIVED CONTROL 0232 0232
		.... 1...		WSPSKJOB	"X'08'" Skip this job
		.... .1..		WSPNJE	"X'04'" WRITER CALL FOR SNA/NJE
		.... ..1.		WSPGLOB1	"X'02'" Global supports WSP ver 01 0075
		1		WSPUSRID	"X'01'" PSO GET FOR USERID

Comment

```
-----------------------------------------------------------
    WSPRTNIN IS USED BY A NUMBER OF OUTPUT SERVICE
    MODULES TO CONTAIN AN INDEX INTO A TABLE CONTAINING
    SUBROUTINES USED BY THOSE MODULES. THE EQUATED
    VALUES BELOW ARE THE INDEX THAT IS USED.
-----------------------------------------------------------
```

End of Comment

2472	(9A8)	BITSTRING	1	WSPRTNIN	IATOSPC SUBROUTINE INDEX 0559
2472	(9A8)	X'0'	0	WSPOSERD	"0" OSE READ SUBROUTINE
2472	(9A8)	X'4'	0	WSPOSERL	"4" OSE ARELEASE SUBROUTINE
2472	(9A8)	X'8'	0	WSPOSEWR	"8" OSE WRITE SUBROUTINE
2472	(9A8)	X'C'	0	WSPJOBCM	"12" JOB COMPLETION SUBROUTINE
2472	(9A8)	X'10'	0	WSPWTRSC	"16" WRITER SCHEDULE SUBROUTINE
2472	(9A8)	X'14'	0	WSPRTN20	"20" Reserved for IBM 0075
2472	(9A8)	X'18'	0	WSPCLSRT	"24" CLASS ROTATION SUBROUTINE
2473	(9A9)	BITSTRING	1	WSPPECF	ECF FOR PURGE
2476	(9AC)	ADDRESS	4	WSPRESQ	SAVE AREA FOR RESQ (OSPC)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2480	(9B0)	SIGNED	4	WSPOSA	ADDRESS OF IATODDR (OSA) 0681 USED FOR LOCAL TO SNA/NJE 0681
2484	(9B4)	SIGNED	4	WSPCDE	ADDRESS OF CDE (IATODDR) FOR0681 LOCAL TO SNA/NJE PROCESSING 0681
2488	(9B8)	SIGNED	4	WSPPENSA	PENDING STAGING AREA CHAIN
2492	(9BC)	SIGNED	4	WSPSTA	ADDR OF STAR FOR IATOSPC
2496	(9C0)	SIGNED	4	WSPSAVE2	2ND WORK SAVE AREA 0559
2500	(9C4)	SIGNED	4	WSPSAVE3	3RD WORK SAVE AREA 0559
2504	(9C8)	SIGNED	4	WSPSAVEA (9)	REGISTER SAVE AREA 0606
2540	(9EC)	CHARACTER	4	WSPUCSID	UCS ID 0439
2544	(9F0)	CHARACTER	4	WSPFCBID	FCB ID 0096
2548	(9F4)	BITSTRING	8	WSPPSOTM	PSO CALL TIME (TOD) 0232
2556	(9FC)	ADDRESS	4	WSPCRJOB	Current job for PSO
2560	(A00)	ADDRESS	2	WSPRSVD9	Reserved for IBM 0075 0075
2562	(A02)	BITSTRING	1	WSPIDENT	Type of WSP 0075
2562	(A02)	X'1'	0	WSPIBDCI	"1" IATBDCI - BDT communications0075
2562	(A02)	X'2'	0	WSPIDJOT	"2" IATDJOT - Dump Job 0075
2562	(A02)	X'3'	0	WSPIDMJA	"3" IATDMJA - PSO unallocation 0075
2562	(A02)	X'4'	0	WSPIIQOS	"4" IATIQOS - Outserv Inquiry 0075
2562	(A02)	X'5'	0	WSPIMOCP	"5" IATMOCP - Modify cancel 0075
2562	(A02)	X'6'	0	WSPIMOOS	"6" IATMOOS - Outserv Modify 0075
2562	(A02)	X'7'	0	WSPINTNR	"7" IATNTNR - NJERDR 0075
2562	(A02)	X'8'	0	WSPINTRS	"8" IATNTRS - NJE Reroute 0075
2562	(A02)	X'9'	0	WSPIOSB1	"9" IATOSBM - BDT cancel 0075
2562	(A02)	X'A'	0	WSPIOSB2	"10" IATOSBM - JSAM error 0075
2562	(A02)	X'B'	0	WSPIOSB3	"11" IATOSBM - BDT job hold 0075
2562	(A02)	X'C'	0	WSPIOSD1	"12" IATOSDR - Output Service 0075 (Primary FCT) 0075
2562	(A02)	X'D'	0	WSPIOSD2	"13" IATOSDR - Output Service 0075 (Secondary FCT) 0075
2562	(A02)	X'E'	0	WSPIOSF1	"14" IATOSFD - FSS writer 0075 (primary WSP) 0075
2562	(A02)	X'F'	0	WSPIOSF2	"15" IATOSFD - FSS writer 0075 (secondary WSP) 0075
2562	(A02)	X'10'	0	WSPIOSSD	"16" IATOSSD - SAPI 0075
2562	(A02)	X'11'	0	WSPIOSSO	"17" IATOSSO - SAPI JSAM error 0075
2562	(A02)	X'12'	0	WSPIOSW1	"18" IATOSWD - JES3 writer 0075 (primary WSP) 0075
2562	(A02)	X'13'	0	WSPIOSW2	"19" IATOSWD - JES3 writer 0075 (secondary WSP) 0075
2562	(A02)	X'14'	0	WSPIPURG	"20" IATPURG - Purge processing 0075
2562	(A02)	X'15'	0	WSPISIOP	"21" IATSIOP - Process SYSOUT 0075 0075
2563	(A03)	BITSTRING	1	WSPVER	Version number
		1		WSPVER01	"X'01'" Version number 1
2563	(A03)	X'1'	0	WSPCVER	"WSPVER01" Current version
2564	(A04)	ADDRESS	4	WSPPSDRT	OSPCS100 return address 0075
2568	(A08)	ADDRESS	4	WSPSAVE4	PSOSCHED return address 0075
2572	(A0C)	SIGNED	4	WSPSDWAD	Address of SAPI DSP Work Area
2576	(A10)	SIGNED	4	WSPRSVD8 (2)	Reserved for IBM
2584	(A18)	ADDRESS	4	WSPRQADR	Current RQ address
2588	(A1C)	SIGNED	4	WSPACONS	ADDR OF CALLING CONSOLE CNDB IN IATYWTR, WTRDCCDB
2592	(A20)	SIGNED	4	WSPRSVU1 (2)	RESERVED FOR USER 0200

Comment

End of version 0 PSO area.

End of Comment

2592	(A20)	X'A28'	0	WSPTEEND_V0	"*" End of version 0 PSO area
2592	(A20)	X'168'	0	WSPTESIZ_V0	"WSPTEEND_V0-WSPSTART" Size of version 0 PSO area
2600	(A28)	SIGNED	4	WSPTESSO_V0 (0)	Address of SSOB for down level callers

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- END OF WSP SECTION FOR PROCESS SYSOUT (PSO). THE WSP UP TO THE EQUATE FIELD WSPTESIZ IS PART OF A STAGING AREA USED FOR PROCESS SYSOUT INTERFACE. ----------
					End of Comment
2600	(A28)	X'A28'	0	WSPTEEND	"*" End of version 1 PSO area
2600	(A28)	X'168'	0	WSPTESIZ	"WSPTEEND-WSPSTART" Size of version 1 PSO area
					Comment
					The WSP field WSPTESSO indicates the beginning of the SSOB section for Process Sysout interface. In up-level versions of a PSO staging area, the SSOB can be found by adding WSPLEN to the base of the WSP. In down level versions, the SSOB is located at WSPTESSO_V0, not WSPTESSO.
					End of Comment
2600	(A28)	SIGNED	4	WSPTESSO (0)	ADDRESS OF SSOB FOR PSO
					Comment
					---------- THE FOLLOWING WSP INFORMATION IS COMMON FOR EVERY JES3 WRITER. THIS INFORMATION IS NOT NEEDED FOR PSO. ----------
					End of Comment
2600	(A28)	SIGNED	4	WSPRSVS3 (4)	RESERVED FOR SERVICE
2616	(A38)	BITSTRING	8	WSPWSTME	WRITER START TIME (TOD) -- 0630 (I.E., WHEN IATOSWC WAS 0630 ENTERED FOR THIS WRITER) 0630
2624	(A40)	SIGNED	4	WSPRSVU2 (5)	RESERVED FOR USER
					Comment
					---------- THE FOLLOWING TWO FIELDS ARE USED IN MODULE IATOSWS TO SAVE FIELDS OSECHN AND OSECNT ACROSS THE ACALL TO THE 'OSE SHRINKER' CODE IN MODULE IATOSSC (OSES000) ----------
					End of Comment
2644	(A54)	BITSTRING	12	WSPOCHN	SAVE AREA FOR CHAIN FDB
2656	(A60)	BITSTRING	2	WSPOCNT	SAVE AREA FOR BUFFER NUMBER
2658	(A62)	CHARACTER	8	WSPTPID	Current APPC TPID, JSAB job id, or JSAB job name
2666	(A6A)	BITSTRING	6	WSPOSSWB	SPOOL ADDR FOR CURR OUTPUT D015 DESCR IF XTNDD KEYWORDS D015
2672	(A70)	SIGNED	2	WSPSWBID	OUTPUT GROUPING TOKEN
					Comment
					---------- The following flag is used as an additional scheduling criteria. The options in this flag are specified by the selecting device and not included in the master selection mask. ----------
					End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
2674	(A72)	BITSTRING	1	WSPFLGS	SEPARATE SCHEDULING FLAG

Comment

DEFINITION OF WSPFLGS

End of Comment

		1...		WSPEXTS	"X'80'" SELECTING ON XTNDD KEYWORDS
		.1..		WSPSOTBN	"X'40'" SELECT BY OUTBIN ID 0146
		..1.		WSPIP	"X'20'" Select only IP destination
		...1		WSPBOTH	"X'10'" Select both IP and non-IP
2675	(A73)	BITSTRING	1	WSPRSVD7	RESERVED FOR DEVELOPMENT #0040
2676	(A74)	SIGNED	4	WSPPAGE	TOTAL PAGES PENDING JOB
2680	(A78)	ADDRESS	4	WSPASUP	SUPUNITS ADDRESS
2684	(A7C)	ADDRESS	4	WSPARQ	ADDRESS OF RESQUEUE ENTRY
2688	(A80)	BITSTRING	0	WSPFDBS (0)	SCHEDULED OSE POINTER
2688	(A80)	BITSTRING	12	WSPFDB	WOSE FDB
2700	(A8C)	BITSTRING	2	WSPOSEBN	SCHEDULED OSE BUFFER NUMBER
2704	(A90)	ADDRESS	4	WSPOSE	ADDRESS OF MOSE
2708	(A94)	ADDRESS	4	WSPOSS	ADDRESS OF OSS ENTRY
2712	(A98)	SIGNED	4	WSPNJERC	BSC/NJE PENDING RECORD CNT 0126
2716	(A9C)	SIGNED	4	WSPOUTBN	OUTBIN ID (in writer WSP)
2716	(A9C)	ADDRESS	4	WSPHWWSP	Address of hot writer WSP (in OUTSERV WSP)
2720	(AA0)	SIGNED	4	WSPRSVD2 (2)	RESERVED FOR DEVELOPMENT 0146
2728	(AA8)	BITSTRING	16	WSPSELD	SEL MASK OF DS SELECTED
2744	(AB8)	BITSTRING	16	WSPSELT	TEMP SEL MASK
2760	(AC8)	BITSTRING	16	WSPSELM	MASTER SELECTION MASK

Comment

DEFINITION OF WSPSELM VALUES

End of Comment

2760	(AC8)	X'0'	0	WSPNULL	"00" IGNORE THIS ENTRY
2760	(AC8)	X'4'	0	WSPPRTY	"04" CHECK PRIORITY OF ENTRY
2760	(AC8)	X'8'	0	WSPDEST	"08" CHECK DESTINATION OF ENTRY
2760	(AC8)	X'C'	0	WSPTYPE	"12" CHECK DEST. TYPE OF ENTRY
2760	(AC8)	X'10'	0	WSPFORM	"16" CHECK FORMS SETUP OF ENTRY
2760	(AC8)	X'14'	0	WSPCARR	"20" CHECK FCB/CTAPE SETUP
2760	(AC8)	X'18'	0	WSPUCS	"24" CHECK TRAIN SETUP OF ENTRY
2760	(AC8)	X'1C'	0	WSPLINE	"28" CHECK LINE, PAGE, AND RECORD LIMITS OF PRINTER
2760	(AC8)	X'20'	0	WSPCLAS	"32" CHECK CLASS OF ENTRY
2760	(AC8)	X'24'	0	WSPFLASH	"36" CHECK FORMS FLASH SETUP
2760	(AC8)	X'28'	0	WSPCPMOD	"40" CHECK COPY MODIFICATION
2760	(AC8)	X'2C'	0	WSPSTACK	"44" CHECK STACKER SETUP
2760	(AC8)	X'30'	0	WSPPMODE	"48" CHECK PROCESS MODE OF PRINTER
2760	(AC8)	X'30'	0	WSPSELMX	"WSPPMODE" MAXIMUM VALUE FOR WSPSELM
2776	(AD8)	SIGNED	2	WSPSELC	LOGICAL LENGTH OF WSPSELM
2778	(ADA)	BITSTRING	1	WSPPTYSV	HIGHEST PRIORITY FOUND
2779	(ADB)	BITSTRING	1	WSPRSVFX	RESERVED FOR SERVICE
2780	(ADC)	SIGNED	2	WSPOFST	OFFSET TO OSEENTRY
2782	(ADE)	BITSTRING	1	WSPFLG2	FLAG BYTE 2

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- DEFINITION OF WSPFLG2 ----------
					End of Comment
		1...		WSPDSPTY	"X'80'" DS PRTY CHECKING REQ.
		.1..		WSPDFLNE	"X'40'" LINE LIMIT CHECKING REQ.
		..1.		WSPPTYPF	"X'20'" PERFECT PRIORITY FIT
		...1		WSPRQRQD	"X'10'" RQTAPUT NOT ALLOWED
		.... 1...		WSPGETRL	"X'08'" RELEASE PENDING OSES
		.... .1..		WSPRSTG	"X'04'" RESTART DATASET GROUP SAME AS *R ,J EXCEPT AFFECTS ONLY D/S SCHD FOR *R DEV
		.... ..1.		WSPRSTD	"X'02'" REQUEUE OSE FOR DATA SET RESTART
		1		WSPPGREL	"X'01'" PIPELINE TYPE GET/RELEASE (SCHEDULED OSE'S NOT AFFECTED)
2783	(ADF)	BITSTRING	1	WSPFLG3	FLAG BYTE 3
					Comment
					---------- DEFINITION OF WSPFLG3 ----------
					End of Comment
		1...		WSPDM206	"X'80'" DM206 failure in progress
					Comment
					THIS LINE DELETED BY APAR OZ91802
					End of Comment
		.1..		WSPWOSW	"X'40'" WOSE write requested
		..1.		WSPWOSP	"X'20'" WOSE PURGE REQUESTED
		...1		WSPSWTR	"X'10'" START SELECTED SUPUNITS
		.... 1...		WSPRQWS	"X'08'" SELECTIVE RESQ WRITER START 0229
		.... .1..		WSPHWLK	"X'04'" HOT WRITER IS BEING CHECKED 0370 BY AN OUTSERV FCT HANDLING0370 IATXOSSC TYPE=GET CALL 0370
		.... ..1.		WSPOSPND	"X'02'" DISK OSES HAVE BEEN MARKED 0436 PENDING DURING THIS 0436 IATXOSWS TYPE=SCHEDULE 0436 CALL 0436
		1		WSPWTSCH	"X'01'" This writer had to wait before getting OSE lock in IATOSWS schedule rtn
2784	(AE0)	BITSTRING	2	WSPFRSDD	FLAGS - RESERVED FOR DEV.
2786	(AE2)	BITSTRING	1	WSPFLG10	FLAG BYTE 10
					Comment
					---------- DEFINITION OF WSPFLG10 ----------
					End of Comment
		1...		WSPDUMPT	"X'80'" DUMP WAS REQUESTED
		.1..		WSP206IS	"X'40'" DM206 PREVIOUSLY ISSUED
		..1.		WSPGJNAM	"X'20'" Grouping is by JSAB job name (WSPTPID contains a job name from a JSAB). If this bit is off, grouping is by APPC TPID or JSAB job id.
		...1		WSP10R10	"X'10'" RESERVED FOR IBM
		.... 1...		WSP10R08	"X'08'" RESERVED FOR IBM
		.... .1..		WSP10R04	"X'04'" RESERVED FOR IBM

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		WSP10R02	"X'02'" RESERVED FOR IBM
		1		WSP10R01	"X'01'" RESERVED FOR IBM
2787	(AE3)	SIGNED	1	WSPCLSN	NUMBER OF CLASSES
2788	(AE4)	CHARACTER	36	WSPCLSS	SYSOUT CLASSES TO SELECT
2824	(B08)	SIGNED	4	WSPEND (0)	END OF PARM LIST
2824	(B08)	BITSTRING	1	WSPSIZE (0)	L' TOTAL SIZE OF WSP

Comment

```
      IATYEQU JES3 STANDARD EQUATES
      IATYEQU ALREADY GENERATED
     Output Service SWB Retrieve Routine Parm List
01 Change Activity:
  $R0 = PRNTWAY HJS6605 970514 PD0MV : OS 2.5.0
```

End of Comment

2824	(B08)	SIGNED	4	SWBRSTRT (0)	
2824	(B08)	CHARACTER	4	SWBRID	Indentifier
2828	(B0C)	BITSTRING	32	SWBROSWB	Output SWB FDB
2860	(B2C)	ADDRESS	4	SWBRBLD	SWB build area
2860	(B2C)	X'FFF'	0	SWBRMXLN	"4095" SWB build area length
2864	(B30)	ADDRESS	4	SWBRSJFP	SJF parameter address
2868	(B34)	ADDRESS	4	SWBRSJFW	SJF work area address
2872	(B38)	SIGNED	4	SWBRWKAL	Total work area length
2876	(B3C)	CHARACTER	124	SWBROIP	IPADDR from SWB
3000	(BB8)	CHARACTER	6	SWBROFDF	FORMDEF from SWB
3006	(BBE)	CHARACTER	6	SWBROPDF	PAGEDEF from SWB
3012	(BC4)	SIGNED	2	SWBRSWID	Output grouping token
3014	(BC6)	BITSTRING	1	SWBRFLG1	Flag byte 1

Comment

```
-------------------------------------------------------------
          Definition of SWBRFLG1
-------------------------------------------------------------
```

End of Comment

1...	SWBRFL80	"X'80'" Reserved for development
.1..	SWBRFL40	"X'40'" Reserved for development
..1.	SWBRFL20	"X'20'" Reserved for development
...1	SWBRFL10	"X'10'" Reserved for development
.... 1...	SWBRFL08	"X'08'" Reserved for development
.... .1..	SWBRFL04	"X'04'" Reserved for development
.... ..1.	SWBRFL02	"X'02'" Reserved for development
....1	SWBRFL01	"X'01'" Reserved for development

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment

					SWBTUREQ DATA CONSTANTS.
					The size of the output area must be large enough to
					hold a 2-byte length field for each keyword and the
					largest possible keyword value plus a 4 byte prefix
					area to contain a text unit pointer.
					The calculation would be as follows for the
					keywords being retrieved:
					(SWBRNUMK) (60 + L'S99TULNG + L'S99TUPAR)
					: : : :
					V : : :
					Number of keys to retrieve: :
					: : :
					V : :
					All keys retrieved have same max size of 60
					(except destination and IPADDR)
					: :
					V :
					Length value for each keyword
					:
					V
					Text unit pointer

					End of Comment
3014	(BC6)	X' '	0	SWBRMIPS	"(124+L'S99TUPTR+L'S99TULNG)" Maximum IP kwd siz
3014	(BC6)	X' '	0	SWBRMXKW	"(60+L'S99TUPTR+L'S99TULNG)" Maximum SJF kwd siz
3014	(BC6)	X' '	0	SWBRSJOS	"(SWBRNUMK)*(SWBRMXKW)+SWBRMIPS" SJF output area size
3014	(BC6)	X' '	0	SWBRSJKN	"SWBRKYL/SJTRKLEN" Number of actual keys for SJF SWBTUREQ service
3014	(BC6)	X' '	0	SWBRNUMK	"SWBRKYL/SJTRKLEN" Number of keys used to compute size of output area
3016	(BC8)	ADDRESS	4	SWBRSJID	SJF SWBTUREQ parm list id
3020	(BCC)	CHARACTER	4	SWBRBTID	SWB table identifier
					Comment

					Key list definition for SWBTUREQ RETRIEVE.

					End of Comment
3024	(BD0)	SIGNED	2	SWBRKEY (0)	
3024	(BD0)	ADDRESS	2		IPADDR key
3028	(BD4)	SIGNED	4		
3032	(BD8)	ADDRESS	2		FORMDEF Key
3036	(BDC)	SIGNED	4		
3040	(BE0)	ADDRESS	2		PAGEDEF Key
3044	(BE4)	SIGNED	4		
3044	(BE4)	X'18'	0	SWBRKYL	"*-SWBRKEY" End of key list for SJF
3048	(BE8)	SIGNED	4	SWBREND (0)	End of parm list
3048	(BE8)	BITSTRING	0	SWBRSIZE (0)	L' Total size of SWBR
3048	(BE8)	SIGNED	4	IQOSSEND (0)	END OF IQOS DATA AREA
3048	(BE8)	BITSTRING	1	IQOSSIZE (0)	SIZE OF YIQOS AREA

IATYIQOS Cross Reference

Name	Hex Offset	Hex Value
ACTIVE_LIMIT	8C0	FFFF
ALLOFF	8C0	8
ALLON	8C0	1
ALWAYS	8C0	F
ARMODOFF	8C0	0
ARMODON	8C0	200
BDTREQ	88	81E0
CHARA	8C0	C1
CHARCMMA	8C0	6B
CHARF	8C0	C6
CHARNINE	8C0	F9
CHARZERO	8C0	F0
DSPCMXSZ	8C0	0
EQ	8C0	8
EQUHOBOF	8C0	FFFFFF
EQUHOBON	8C0	0
FF	8C0	FF
GE	8C0	B
GT	8C0	2
HLDREQ	88	FEC206
INREAL	8C0	8
INTK_SHARED_SUBPOOL	8C0	9
IQOS	0	
IQOSAAGE	7A	8
IQOSABG	7B	40
IQOSABJ	7B	80
IQOSABS	7B	20
IQOSABT	7A	1
IQOSAC	78	1
IQOSACH	79	10
IQOSACJ	7C	40
IQOSACL	79	40
IQOSACMO	79	4
IQOSADD	79	1
IQOSADG	7A	20
IQOSADSD	78	10
IQOSADSN	7A	4
IQOSADST	78	20
IQOSAF	78	2
IQOSAFFL	79	8
IQOSAFMD	7B	1
IQOSAGE	2E4	0
IQOSAH	7A	80
IQOSAIPA	7B	2
IQOSAJNA	78	80
IQOSAMK0	78	0
IQOSAMK1	79	0
IQOSAMK2	7A	0
IQOSAMK3	7B	0
IQOSAMK4	7C	0
IQOSAMK5	7D	0
IQOSAMK6	7E	0
IQOSAMK7	7F	0
IQOSAMSK	78	
IQOSAOTB	7B	4
IQOSAP	78	40
IQOSAPCD	6F7	4
IQOSAPCI	6F7	10
IQOSAPCN	6F7	40
IQOSAPCQ	6F7	8
IQOSAPCT	6F7	20
IQOSAPCY	6F7	80
IQOSAPGD	7C	80
IQOSAPM	7A	40
IQOSAPPC	26E	F0F04040
IQOSAR9	7B	10
IQOSASD	7B	8
IQOSASL	7A	2
IQOSAST	78	4
IQOSASTK	79	2
IQOSATRM	7A	10
IQOSAU	79	80
IQOSAUID	79	20
IQOSAW	78	8
IQOSA2MK	7C	
IQOSA401	7C	1
IQOSA402	7C	2
IQOSA404	7C	4
IQOSA408	7C	8
IQOSA410	7C	10
IQOSA420	7C	20
IQOSBDT	6DC	20
IQOSBDTS	2F0	0
IQOSBFNO	6F4	0
IQOSBG	AC	0
IQOSBJ	CC	0
IQOSBJS	6F6	8
IQOSBMP	40	
IQOSBMS	44	0
IQOSBREQ	88	
IQOSBRSV	4C	0
IQOSBS	B4	0
IQOSBT	BC	0
IQOSBYCT	2A0	0
IQOSBYMI	6F6	20
IQOSBYTE	298	0
IQOSCART	F8	40404040
IQOSCH	D8	0
IQOSCJ	380	40404040
IQOSCJID	388	40404040
IQOSCJIN	6F8	4
IQOSCJIS	6F8	2
IQOSCJIY	6F8	8
IQOSCJN	6F8	40
IQOSCJNM	390	40404040
IQOSCJNS	6F8	1
IQOSCJQ	6F8	20
IQOSCJS	6F8	10
IQOSCJY	6F8	80
IQOSCLS	D4	0
IQOSCM	E8	0
IQOSCNS	100	
IQOSCNSL	160	
IQOSCNT	2A4	A
IQOSCNTF	6DA	80
IQOSCONS	F0	0
IQOSCTAP	C4	0
IQOSDBL	8	0
IQOSDDN	1C6	0
IQOSDDS	6DA	10
IQOSDEST	1BE	0
IQOSDG	2D0	0
IQOSDNUM	6DD	40
IQOSDSDD	6F6	4
IQOSDSID	256	0

Name	Hex Offset	Hex Value
IQOSDSN	1DE	
IQOSDSNB	1F6	0
IQOSDSNJ	1EE	0
IQOSDSNM	1FE	0
IQOSDSNN	1E6	0
IQOSDSNU	1DE	0
IQOSDST2	24E	0
IQOSEJID	6E6	
IQOSEJNM	6DE	
IQOSELK	6DB	20
IQOSEND	6DA	20
IQOSERIN	6DA	40
IQOSERRR	6DA	2
IQOSFDB	5C	0
IQOSFDBS	50	0
IQOSFL	266	0
IQOSFLG1	6DA	0
IQOSFLG2	6DB	0
IQOSFLG3	6DC	0
IQOSFLG4	6DD	0
IQOSFLG5	6F6	0
IQOSFLG6	6F7	0
IQOSFLG7	6F8	0
IQOSFLG8	6F9	0
IQOSFORM	25E	0
IQOSFRDF	37A	40404040
IQOSF43F	6DD	7
IQOSF801	6F9	1
IQOSF802	6F9	2
IQOSF804	6F9	4
IQOSF808	6F9	8
IQOSF810	6F9	10
IQOSF820	6F9	20
IQOSF840	6F9	40
IQOSGTYP	3B0	0
IQOSHLD	6DC	40
IQOSHLDD	6DB	4
IQOSHOLD	26A	0
IQOSHREQ	80	
IQOSHTYP	26B	0
IQOSIAGE	6A	4
IQOSIAPC	6B	8
IQOSIBG	6B	20
IQOSIBJ	6B	40
IQOSIBS	6B	10
IQOSIBT	6B	80
IQOSIBY	6B	1
IQOSIC	69	80
IQOSICH	69	8
IQOSICJ	6C	8
IQOSICJI	6C	4
IQOSICJN	6C	2
IQOSICL	69	20
IQOSICMO	69	2
IQOSID	0	C9D8D6E2
IQOSIDD	6A	80
IQOSIDG	68	20
IQOSIDSD	68	2
IQOSIDSN	6A	2
IQOSIDST	68	8
IQOSIF	68	1
IQOSIFFL	69	4
IQOSIFMD	6C	20
IQOSIGT	68	4
IQOSIHN	6A	10
IQOSIHY	6A	20
IQOSIJNA	68	80
IQOSIJNO	68	40
IQOSIL	6A	40
IQOSIMK0	68	0
IQOSIMK1	69	0
IQOSIMK2	6A	0
IQOSIMK3	6B	0
IQOSIMK4	6C	0
IQOSIMK5	6D	0
IQOSIMK6	6E	0
IQOSIMK7	6F	0
IQOSIMSK	68	
IQOSINMK	6C	
IQOSIOTB	6B	2
IQOSIP	68	10
IQOSIPAD	6C	40
IQOSIPDR	2F8	40404040
IQOSIPG	6C	80
IQOSIPGD	6C	10
IQOSIQOM	38	
IQOSISD	6B	4
IQOSISL	6A	1
IQOSIST	68	2
IQOSISTK	69	1
IQOSITRM	6A	8
IQOSIU	69	40
IQOSIUID	69	10
IQOSIW	68	4
IQOSJCTR	6DB	10
IQOSJDBS	6DB	2
IQOSJDSP	34	0
IQOSJOB	27E	0
IQOSJOBB	288	0
IQOSJOBF	6DA	1
IQOSJOB0	6F6	2
IQOSKA	2C	0
IQOSLFS	30	0
IQOSLINE	28C	0
IQOSLMSG	464	262
IQOSLNCT	294	0
IQOSLNMI	6F6	80
IQOSLOST	6DB	40
IQOSLPCT	3C	0
IQOSMEND	6DD	20
IQOSMGTT	6C6	40404040
IQOSMHLD	6DB	1
IQOSNAVL	6DD	80
IQOSNBAS	48	0
IQOSNODM	90	60C4C4D5
IQOSOAGE	72	8
IQOSOAPC	73	10
IQOSOBG	73	40
IQOSOBJ	73	80
IQOSOBS	73	20
IQOSOBT	72	1
IQOSOBV	6DD	8
IQOSOC	70	1
IQOSOCH	71	10
IQOSOCJ	74	40
IQOSOCL	71	40
IQOSOCMO	71	4
IQOSODD	71	1
IQOSODG	72	20
IQOSODSD	70	10

Name	Hex Offset	Hex Value
IQOSODSN	72	4
IQOSODST	70	20
IQOSOF	70	2
IQOSOFFL	71	8
IQOSOFMD	73	1
IQOSOH	72	80
IQOSOIPA	73	2
IQOSOJNA	70	80
IQOSOMK0	70	0
IQOSOMK1	71	0
IQOSOMK2	72	0
IQOSOMK3	73	0
IQOSOMK4	74	0
IQOSOMK5	75	0
IQOSOMK6	76	0
IQOSOMK7	77	0
IQOSOMSG	464	0
IQOSOMSK	70	
IQOSOOTB	73	4
IQOSOP	70	40
IQOSOPGD	74	80
IQOSOPM	72	40
IQOSOSD	73	8
IQOSOSL	72	2
IQOSOST	70	4
IQOSOSTK	71	2
IQOSOTBN	2F4	0
IQOSOTRM	72	10
IQOSOU	71	80
IQOSOUID	71	20
IQOSOUTM	414	
IQOSOW	70	8
IQOSO2MK	74	
IQOSO401	74	1
IQOSO402	74	2
IQOSO404	74	4
IQOSO408	74	8
IQOSO410	74	10
IQOSO420	74	20
IQOSPAD	26C	0
IQOSPAGE	2AC	0
IQOSPCH	6DB	80
IQOSPGCT	2B4	0
IQOSPGDF	374	40404040
IQOSPGMI	6F6	40
IQOSPM	2B8	0
IQOSPREN	6DD	10
IQOSPRTY	2A8	0
IQOSPTY	2A9	0
IQOSQ	6FC	
IQOSQAGD	808	0
IQOSQAGE	8BC	2
IQOSQAGH	80C	0
IQOSQAPC	8BC	1
IQOSQAPI	818	F0F04040
IQOSQAPT	810	F0F04040
IQOSQBG	764	0
IQOSQBJ	77C	0
IQOSQBS	76C	0
IQOSQBT	774	0
IQOSQBYT	710	0
IQOSQCH	714	0
IQOSQCHN	6FC	0
IQOSQCJ	8BD	20
IQOSQCJI	8AC	
IQOSQCJN	8B4	
IQOSQCLK	808	
IQOSQCLS	7E9	40
IQOSQCM	7E4	0
IQOSQCNT	8BC	40
IQOSQCPY	7EA	0
IQOSQCTP	784	0
IQOSQDDN	724	0
IQOSQDG	7CC	0
IQOSQDSD	754	0
IQOSQDSE	744	0
IQOSQDSI	79C	0
IQOSQDSJ	74C	0
IQOSQDSM	75C	0
IQOSQDSN	73C	
IQOSQDST	78C	0
IQOSQDSU	73C	0
IQOSQDTA	714	
IQOSQFL	7DC	0
IQOSQFLG	8BC	0
IQOSQFL2	8BD	0
IQOSQFRD	8A6	
IQOSQFRM	7A4	0
IQOSQHLD	7EB	0
IQOSQHTP	7EC	0
IQOSQID	700	C4D8C540
IQOSQIPA	824	
IQOSQLNS	704	0
IQOSQMID	7F0	0
IQOSQNAM	7B4	0
IQOSQND	8C0	
IQOSQNDD	8BC	10
IQOSQNOD	8BC	20
IQOSQNUM	804	0
IQOSQOSE	8BC	4
IQOSQOTB	820	
IQOSQOTS	8BD	40
IQOSQPGD	8A0	
IQOSQPGS	708	0
IQOSQPM	7BC	0
IQOSQPTF	8BC	80
IQOSQPTY	803	
IQOSQRC	7E4	7E8
IQOSQRCD	70C	0
IQOSQRSN	7EF	0
IQOSQRSV	7ED	
IQOSQSDT	794	0
IQOSQSEP	8BC	8
IQOSQSEQ	7F8	0
IQOSQSKP	8BD	80
IQOSQSL	7FA	0
IQOSQSS	802	0
IQOSQST1	6FC	
IQOSQST2	714	
IQOSQTYP	7C4	0
IQOSQUCS	7E0	0
IQOSQUE	2C0	0
IQOSQUID	7AC	0
IQOSQWNM	7D4	0
IQOSRC	E8	EC
IQOSRDER	6F9	80
IQOSREQ	6DA	8
IQOSREQA	6DA	4
IQOSRPCT	3E	0
IQOSRQAD	8C	0

Name	Hex Offset	Hex Value
IQOSRSVD	6F0	0
IQOSRSV1	398	0
IQOSRSV2	6FA	0
IQOSSCNT	2EC	0
IQOSSEND	BE8	
IQOSSEQ	2C4	1
IQOSSIZE	BE8	
IQOSSL	2C6	0
IQOSSPIP	6F6	10
IQOSSS	2CE	0
IQOSSTRT	0	
IQOSSTYP	3B3	0
IQOSSUM	6DB	8
IQOSSVDD	206	40404040
IQOSSVDS	220	40404040
IQOSSVR2	14	0
IQOSSVR5	18	0
IQOSSVR9	28	0
IQOSSWBR	6F6	1
IQOSS012	1C	0
IQOSTOD	2E8	0
IQOSTODD	3A8	141DD
IQOSTODH	3AC	D69
IQOSTYPE	3B0	
IQOSUCS	2D8	0
IQOSUSID	276	0
IQOSWNAM	2DC	0
IQOSWORK	A0	40404040
IQOSWREQ	84	
IQOSWTR	6DC	80
IQOSXCDB	3B8	
IQOSXCDB_KEYUSED_CMDIND	3DF	80
IQOSXCDB_XABEND	3C1	
IQOSXCDB_XABEND_NO	3C1	40
IQOSXCDB_XABEND_YES	3C1	80
IQOSXCDB_XCART	3E4	
IQOSXCDB_XCMDIND_NO	3DE	40
IQOSXCDB_XCMDIND_YES	3DE	80
IQOSXCDB_XCNDB	3C4	
IQOSXCDB_XCONSID	3D4	
IQOSXCDB_XCONSNM	3D0	
IQOSXCDB_XEYECATCH	3B9	
IQOSXCDB_XFLAG1	3BF	
IQOSXCDB_XFLAG2	3DE	
IQOSXCDB_XINCNDB	3CC	
IQOSXCDB_XKEYS	3DF	
IQOSXCDB_XOPERATION_EXTRACTCART	0	10
IQOSXCDB_XOPERATION_EXTRACTCONSID	3BF	100
IQOSXCDB_XOPERATION_EXTRACTCONSNAME	3BF	80
IQOSXCDB_XOPERATION_EXTRACTCONSTYPE	0	40
IQOSXCDB_XOPERATION_EXTRACTROUT	0	20
IQOSXCDB_XOPERATION_INITIALIZE	3BF	8000
IQOSXCDB_XOPERATION_RESET	3BF	1000
IQOSXCDB_XOPERATION_TRANSCONSID	3BF	400
IQOSXCDB_XOPERATION_TRANSFER	3BF	4000
IQOSXCDB_XOPERATION_TRANSROUT	3BF	200
IQOSXCDB_XOPERATION_UPDATE	3BF	2000
IQOSXCDB_XOPERATION_VERIFY	3BF	800
IQOSXCDB_XOUTCART	3F4	
IQOSXCDB_XOUTCNDB	3C8	
IQOSXCDB_XOUTCONSID	3D8	
IQOSXCDB_XOUTCONSNAME	3E8	
IQOSXCDB_XOUTCONSTYPE	3EC	
IQOSXCDB_XOUTROUT	3F0	
IQOSXCDB_XROUT	3E0	
IQOSXCDB_XRSV001	3C3	
IQOSXCDB_XRSV002	3DC	
IQOSXCDB_XUSERADDR	3C2	
IQOSXCDB_XVERSION	3B8	
IQOSXCDBL	3F4	40
IQOSXCSC	410	
IQOSXCSN	40C	
IQOSXCSP	40C	
IQOSXCTP	3F8	0
IQOSYPRM	10	0
IQSXCSIF	400	
IQSXCSIF_XEYECATCH	401	
IQSXCSIF_XPARMLIST	408	
IQSXCSIF_XRSV0001	407	
IQSXCSIF_XVERSION	400	
IQSXCSIFL	408	C
JOB_NUMBER_SHIFT	8C0	10
J3AUXTRC	8C0	F018
J3MAXMP	8C0	20
J3NUCTRC	8C0	1E018
J3TRCMAX	8C0	3FF
J3TRCSZ	8C0	21000

Name	Hex Offset	Hex Value
LE	8C0	D
LENTHINV	8C0	1
LOCKED	8C0	4
LT	8C0	4
MAXIMUM_COMPATIBLE_JOB	8C0	FFFE
MAXIMUM_JOB_NUMBER_ALLOWED	8C0	F423F
MAXIMUM_JOB_NUMBER_MASK	8C0	FFFF
MAXIMUM_JOBS_IN_DJC_NET	8C0	7FFF
MAXPARM	0	3
MINUS	8C0	4
MIXED	8C0	4
M00M0004	0	3B8
M00M0007	0	400
NALLOFF	8C0	5
NALLON	8C0	C
NE	8C0	7
NMINUS	8C0	B
NOP	8C0	0
NOTIREAL	8C0	7
NOV	8C0	C
NPLUS	8C0	D
NZERO	8C0	7
OV	8C0	1
PAGTBINV	8C0	2
PLUS	8C0	2
SAFEXTSP	8C0	F0
SAFMSGSP	8C0	F0
SECTKNLN	8C0	50
SEGTBINV	8C0	4
SPECIAL_JOB_XFFFF	8C0	FFFF
SWBRBLD	B2C	
SWBRBTID	BCC	E2E6C2E3
SWBREND	BE8	
SWBRFLG1	BC6	0
SWBRFL01	BC6	1
SWBRFL02	BC6	2
SWBRFL04	BC6	4
SWBRFL08	BC6	8
SWBRFL10	BC6	10
SWBRFL20	BC6	20
SWBRFL40	BC6	40
SWBRFL80	BC6	80
SWBRID	B08	E2E6C2D9
SWBRKEY	BD0	
SWBRKYL	BE4	18
SWBRMIPS	BC6	
SWBRMXKW	BC6	
SWBRMXLN	B2C	FFF
SWBRNUMK	BC6	
SWBROFDF	BB8	
SWBROIP	B3C	
SWBROPDF	BBE	
SWBROSWB	B0C	
SWBRSIZE	BE8	
SWBRSJFP	B30	
SWBRSJFW	B34	
SWBRSJID	BC8	
SWBRSJKN	BC6	
SWBRSJOS	BC6	
SWBRSTRT	B08	

Name	Hex Offset	Hex Value
SWBRSWID	BC4	
SWBRWKAL	B38	0
TKNMAPLN	8C0	50
UNLIMITED_DSP_COUNT	8C0	F423F
UNLIMITED_JOB_COUNT	8C0	FFFFFF
UNLIMITED_JOB_COUNT2	8C0	FFFF
UNLOCKED	8C0	8
WSPACONS	A1C	0
WSPAECF	8C4	
WSPARQ	A7C	
WSPASUP	A78	
WSPBCMPL	9A6	8
WSPBDTRQ	8E2	40
WSPBHOLD	9A5	40
WSPBOTH	A72	10
WSPBUFNB	914	0
WSPCARR	AC8	14
WSPCCNTL	918	40
WSPCDE	9B4	0
WSPCDEST	907	80
WSPCHAIN	8C0	
WSPCHNGE	8CB	4
WSPCKJBC	902	0
WSPCKJBI	97C	
WSPCKPRQ	8CB	1
WSPCKPT	8CB	80
WSPCLAS	AC8	20
WSPCLNUP	907	10
WSPCLSN	AE3	0
WSPCLSRT	9A8	18
WSPCLSS	AE4	40404040
WSPCMPL	8CB	40
WSPCPMOD	AC8	28
WSPCRJOB	9FC	
WSPCSBT	9A6	40
WSPCTRL1	9A5	10
WSPCTRL2	9A5	8
WSPCVER	A03	1
WSPDEL	8CA	10
WSPDEST	AC8	8
WSPDFDST	906	20
WSPDFLNE	ADE	40
WSPDM206	ADF	80
WSPDSHLD	9A6	20
WSPDSPTY	ADE	80
WSPDSRST	9A6	10
WSPDSTSK	9A7	20
WSPDUMPT	AE2	80
WSPEND	B08	
WSPERCVW	8F0	
WSPEXTS	A72	80
WSPFAILD	8CB	2
WSPFCBID	9F0	40404040
WSPFDB	A80	0
WSPFDBS	A80	
WSPFDBSV	8E4	
WSPFDBT	8CC	0
WSPFFDBV	919	0
WSPFIRRQ	8CA	10
WSPFLAG	8CA	0
WSPFLASH	AC8	24
WSPFLGS	A72	0

Name	Hex Offset	Hex Value
WSPFLG1	8CB	0
WSPFLG10	AE2	0
WSPFLG2	ADE	0
WSPFLG3	ADF	0
WSPFLG4	9A5	0
WSPFLG5	9A6	0
WSPFLG6	9A7	0
WSPFLG7	907	0
WSPFLG8	8E2	0
WSPFLG9	906	0
WSPFL701	907	1
WSPFL702	907	2
WSPFL708	907	8
WSPFL901	906	1
WSPFL902	906	2
WSPFL904	906	4
WSPFORM	AC8	10
WSPFRSDD	AE0	0
WSPGET	8CA	2
WSPGETRL	ADE	8
WSPGJNAM	AE2	20
WSPGLOB1	9A7	2
WSPGTMND	9A7	80
WSPHWCNT	8C9	0
WSPHWLK	ADF	4
WSPHWWQP	8E2	2
WSPHWWSP	A9C	
WSPIBDCI	A02	1
WSPID	970	40404040
WSPIDENT	A02	
WSPIDJOT	A02	2
WSPIDMJA	A02	3
WSPIIQOS	A02	4
WSPIMOCP	A02	5
WSPIMOOS	A02	6
WSPINTNR	A02	7
WSPINTRS	A02	8
WSPIOSB1	A02	9
WSPIOSB2	A02	A
WSPIOSB3	A02	B
WSPIOSD1	A02	C
WSPIOSD2	A02	D
WSPIOSF1	A02	E
WSPIOSF2	A02	F
WSPIOSSD	A02	10
WSPIOSSO	A02	11
WSPIOSW1	A02	12
WSPIOSW2	A02	13
WSPIP	A72	20
WSPIPURG	A02	14
WSPISIOP	A02	15
WSPJBFND	8E2	4
WSPJDS	8DC	0
WSPJOBCM	9A8	C
WSPJOBID	8C2	8C2
WSPJOBRP	907	4
WSPLEN	8DA	
WSPLINE	AC8	1C
WSPLTOS	9A5	4
WSPLTSNO	9A6	2
WSPMASK	8C8	0
WSPMLREQ	9A6	4
WSPNDOPT	906	8
WSPNJE	9A7	4
WSPNJERC	A98	
WSPNJERD	8E2	10
WSPNJERT	8E2	20
WSPNOSAF	9A7	40
WSPNULL	AC8	0
WSPOCHN	A54	0
WSPOCNT	A60	0
WSPOFFST	916	0
WSPOFST	ADC	0
WSPOKRET	8CA	8
WSPOSA	9B0	0
WSPOSE	A90	
WSPOSEBN	A8C	0
WSPOSEID	8FE	D6E2C540
WSPOSELK	8CA	80
WSPOSERD	9A8	0
WSPOSERL	9A8	4
WSPOSEWR	9A8	8
WSPOSPC	8E3	0
WSPOSPND	ADF	2
WSPOSS	A94	
WSPOSSWB	A6A	0
WSPOSTJC	8CC	
WSPOSTJI	980	
WSPOUTBN	A9C	0
WSPPAGE	A74	0
WSPPBSKP	907	20
WSPPECF	9A9	0
WSPPEND	8CB	8
WSPPENSA	9B8	0
WSPPGREL	ADE	1
WSPPMODE	AC8	30
WSPPOSTD	8CB	20
WSPPRTY	AC8	4
WSPPSCPT	910	0
WSPPSDRT	A04	
WSPPSOSC	9A7	10
WSPPSOTM	9F4	0
WSPPTYPF	ADE	20
WSPPTYSV	ADA	0
WSPPUT	8CA	4
WSPQCHG	906	40
WSPRCAWR	8E3	7
WSPRCCL	8E3	0
WSPRCDAC	8E3	4
WSPRCDAT	8E3	8
WSPRCDMP	8E3	FF
WSPRCERR	9A5	80
WSPRCINV	8E3	6
WSPRCJOB	8E3	1
WSPRCOUT	8E3	5
WSPRCPSO	8E3	2
WSPRCRQ	8E3	3
WSPRECRD	8C0	8C0
WSPREL	8CA	8
WSPRESQ	9AC	
WSPRQACC	8E2	80
WSPRQADR	A18	
WSPRQCMP	8CA	1
WSPRQFDB	8F0	0
WSPRQINV	9A5	1
WSPRQPRM	8E2	8
WSPRQRQD	ADE	10
WSPRQWS	ADF	8
WSPRSTD	ADE	2
WSPRSTG	ADE	4

Name	Hex Offset	Hex Value
WSPRSVDV	91D	
WSPRSVD2	AA0	
WSPRSVD7	A73	0
WSPRSVD8	A10	0
WSPRSVD9	A00	
WSPRSVFX	ADB	0
WSPRSVS3	A28	0
WSPRSVS4	984	0
WSPRSVU1	A20	0
WSPRSVU2	A40	0
WSPRSV01	904	
WSPRTNIN	9A8	0
WSPRTN20	9A8	14
WSPSADUM	9A6	1
WSPSAFFL	8CB	1
WSPSAPEN	9A6	80
WSPSAPRO	9A5	20
WSPSAVE	90C	0
WSPSAVEA	9C8	0
WSPSAVE2	9C0	0
WSPSAVE3	9C4	0
WSPSAVE4	A08	
WSPSCHED	8CA	1
WSPSDWAD	A0C	0
WSPSECPT	908	0
WSPSELC	AD8	10
WSPSELD	AA8	0
WSPSELM	AC8	0
WSPSELMX	AC8	30
WSPSELT	AB8	0
WSPSIZE	B08	
WSPSKJOB	9A7	8
WSPSOTBN	A72	40
WSPSRCHP	906	10
WSPSSREQ	8CA	40
WSPSTA	9BC	0
WSPSTACK	AC8	2C
WSPSTART	8C0	
WSPSTRTD	8CB	10
WSPSWBID	A70	
WSPSWTR	ADF	10
WSPSYSRQ	8CA	20
WSPTEEND	A28	A28
WSPTEEND_V0	A20	A28
WSPTEJBC	8C0	0
WSPTEJBI	978	
WSPTESIZ	A28	168
WSPTESIZ_V0	A20	168
WSPTESSO	A28	
WSPTESSO_V0	A28	
WSPTEUID	8C2	
WSPTOKEN	920	
WSPTPID	A62	40404040
WSPTSO	8CB	8
WSPTYPE	AC8	C
WSPUCS	AC8	18
WSPUCSID	9EC	40404040
WSPUNSCH	907	40
WSPURSTA	9A5	2
WSPUSRID	9A7	1
WSPVER	A03	
WSPVER01	A03	1
WSPWOSP	ADF	20
WSPWOSW	ADF	40
WSPWSTME	A38	0
WSPWTRSC	9A8	10
WSPWTSCH	ADF	1
WSPXJMR	906	80
WSPYOSPC	974	
WSP10R01	AE2	1
WSP10R02	AE2	2
WSP10R04	AE2	4
WSP10R08	AE2	8
WSP10R10	AE2	10
WSP206IS	AE2	40
WSP8RSV3	8E2	1
WTRREQ	88	FEC206
ZERO	8C0	8
ZEROS	8C0	8

IATYISD Programming Interface information

Programming Interface information

IATYISD

The following fields are **NOT** programming interface information:

- DVJRETRY
- IJDFLUSH
- IJDSCLOS
- IJDSGET
- IJDSOPEN
- IJDSREAD
- ISDHASH
- ISDHSHAD
- ISDIREPT
- ISDSECA
- ISDSTOKN
- ISDUNHAD
- ISDUNHAS
- ISFAILOC
- ISLMADDR
- ISLMDCND
- ISLMISDL
- ISLMISDS
- ISLMISEN
- ISLMISFR
- ISLMISJB
- ISLMISJL
- ISLMISJN
- ISLMISLG
- ISLMISMN
- ISLMISNJ
- ISLMISNT
- ISLMISPR
- ISLMJDE
- LOCADDR
- PWKPTR

End of Programming Interface information

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IATYISD Heading Information

Common Name: INPUT SERVICE DATA AREA
Macro ID: IATYISD
DSECT Name: IATISDT, DJSUCLST
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATISDT (IATISDT)
Offset: 0
Length: 8
Storage Attributes: Subpool: 0 (JES3 Address Space)
Size: IATISDT - 8K
DJSUCLST - DJSUCLEN
Created by: N/A
Pointed to by: R13 in input service
Serialization: None
Function: INPUT SERVICE DATA AREA

IATYISD Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	IATISDT	
0	(0)	STRUCTURE	0	IATISDT	
0	(0)	SIGNED	4	ISSTART (0)	

Comment

```
IATYMOD BR=NO
        JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
  $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

End of Comment

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

Comment

```
COMMON INPUT SERVICE ROUTINES
```

End of Comment

Comment

```
Module usage list - One entry for each module.
Entries are mapped by the internal DSECT ISLMLIST.
        8 lines deleted by APAR OW21624
```

End of Comment

296	(128)	DBL WORD	8	ISLMODLS (0)	Start of module list
296	(128)	ADDRESS	4	ISLMISJL	
312	(138)	ADDRESS	4	ISLMISLG	
328	(148)	ADDRESS	4	ISLMISDS	
344	(158)	ADDRESS	4	ISLMISFR	
360	(168)	ADDRESS	4	ISLMISJB	
376	(178)	ADDRESS	4	ISLMISPR	
392	(188)	ADDRESS	4	ISLMISMN	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
408	(198)	ADDRESS	4	ISLMISDL	
424	(1A8)	ADDRESS	4	ISLMISEN	
440	(1B8)	ADDRESS	4	ISLMISNT	
456	(1C8)	ADDRESS	1	ISLMDCND	
472	(1D8)	ADDRESS	4	ISLMISNJ	
488	(1E8)	ADDRESS	4	ISLMISJN	
504	(1F8)	ADDRESS	4	ISLMRSVD	RESERVED FOR DEV
504	(1F8)	X'1F8'	0	ISLMEND	"ISLMRSVD" LAST ENTRY IN TABLE

Comment

DOUBLEWORD ALIGNMENT SECTION

End of Comment

520	(208)	DBL WORD	8	DIGITS	
528	(210)	DBL WORD	8	ISDCONA (2)	HEX CONVERSION WORK AREA
544	(220)	DBL WORD	8	ISCRAT (20)	SCRATCH SPACE
704	(2C0)	DBL WORD	8	ISUX17L (10)	UX17 SE LIST

Comment

INPUT SERVICE FDB'S
ANY ADDITIONS MUST BE ALIGNED ON A FULLWORD BOUNDARY
AND ADDED TO THE JESTAE SRF/MRF LIST. THESE FDB'S
ARE ZEROED BETWEEN JOBS.

End of Comment

792	(318)	SIGNED	4	IFDBST (0)	START OF JOB RELATED FDBS
792	(318)	BITSTRING	12	JDABADDR	JDAB BUFFER ADDRESS 1
804	(324)	BITSTRING	12	JMRADDR	JMR BUFFER ADDRESS 1
816	(330)	BITSTRING	12	OSEADDR	OUTPUT SCHED ELEMENT FDB 1
828	(33C)	BITSTRING	12	JDSADDR	FIRST JDS BUFFER ADDRESS 1
840	(348)	BITSTRING	12	FRPFDB	CUR FRP FDB FOR OUTPUT SE 1
852	(354)	BITSTRING	12	ERRCFDB	FDB FOR FRP ERROR RECOVERY 1
864	(360)	BITSTRING	12	JSTADDR	FDB FOR JST 1
876	(36C)	BITSTRING	12	JSTPADDR	FDB FOR SETUP PARM BUFFER 1
888	(378)	BITSTRING	12	SCHBUFDB	FDB FOR SCHEDULER BUFFER 1 0331
900	(384)	BITSTRING	0	ISDLXERC (0)	PARAM LIST FOR XERCV MACRO 0331
900	(384)	BITSTRING	12	ISDLFDB	FDB FOR DEADLINE
912	(390)	SIGNED	2	ISDLSEQN	DEADLINE QUEUE SEQ NO.
914	(392)	CHARACTER	4	ISDLID	IS FOR IATXERCV PARAMETER 0331 END OF PARAM LIST FOR XERCV 0331 0331
918	(396)	SIGNED	2	ISDRSDH1	RESERVED FOR DEVELOPMENT
920	(398)	SIGNED	4	(0)	GET NEXT FULLWORD BOUNDARY 0331
920	(398)	BITSTRING	12	ISDLFDB1	FDB FOR DEADLINE 1
932	(3A4)	BITSTRING	12	PCDTADDR	FDB FOR PROCESS BUFFER 1
944	(3B0)	BITSTRING	28	TATBUILD	TAT BUILD AREA FOR JOB
972	(3CC)	SIGNED	2	TATBLD2	SAVE AREA
974	(3CE)	SIGNED	2	ISDRSDH2	RESERVED FOR DEVELOPMENT
976	(3D0)	BITSTRING	12	NFRPFDB	FDB FOR NEXT FRP 1
988	(3DC)	BITSTRING	12	ERRCCHN	FDB FOR ER RECOV CHAIN FRP 1
1000	(3E8)	SIGNED	4	ISDRSVD1 (7)	Reserved for IBM 1
1028	(404)	SIGNED	4	ISDRSVD2 (3)	Reserved for IBM 1
1040	(410)	SIGNED	4	ISDRSVD7 (8)	Reserved for IBM
1072	(430)	SIGNED	4	ISDRSVD8 (8)	Reserved for IBM
1104	(450)	BITSTRING	32	ISPNJMSG	SPINOFF JESMSGLG FDB 1
1136	(470)	BITSTRING	32	IJCLFDB	FDB FOR JESJCLIN
1168	(490)	BITSTRING	32	IMSGFDB	FDB FOR JESMSGLG 0302
1200	(4B0)	BITSTRING	1	ISJESJCL	JESJCL FDB 7
1200	(4B0)	X'4D0'	0	IFDBEND	"*" END OF JOB RELATED FDBS
1232	(4D0)	BITSTRING	32	SDINFDB	IS MRF INPUT FDB
1264	(4F0)	BITSTRING	12	ISPFDB	SAVE AREA FOR ISDRVR PARM FDB 1
1276	(4FC)	BITSTRING	1	ISDFDBSV	TEMP FDB SAVE AREA

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
ROUTINE ADDRESSES.					
				End of Comment	
1288	(508)	SIGNED	4	IJDSNOTE	- POINTER TO NEXT ENTRY TO BE GIVEN
1292	(50C)	SIGNED	4	IJDSOPEN	- JDS OPEN ADDR
1296	(510)	SIGNED	4	IJDSREAD	- JDS READ ADDR
1300	(514)	SIGNED	4	IJDSCLOS	- JDS CLOSE ADDR
1304	(518)	SIGNED	4	IJDSGET	- JDS GET ADDR
1308	(51C)	SIGNED	4	IJDFLUSH	- JDS FLUSH ADDR
				Comment	
SRF/MRF FDB LIST					
				End of Comment	
1312	(520)	SIGNED	4	ISFDBSTR (0)	BEGIN FDB LIST
1312	(520)	ADDRESS	4	JDABPTR	ADDRESS OF JDAB FDB
1316	(524)	ADDRESS	4	JMRPTR	ADDRESS OF JMR FDB
1320	(528)	ADDRESS	4	OSEPTR	ADDRESS OF OSE FDB
1324	(52C)	ADDRESS	4	JDSPTR	ADDRESS OF JDS FDB
1328	(530)	ADDRESS	4	FRP1PTR	ADDRESS OF FRP FDB
1332	(534)	ADDRESS	4	FRP2PTR	ADDRESS OF FRP ER RECOV FDB
1336	(538)	ADDRESS	4	JSTPTR	ADDRESS OF JST FDB
1340	(53C)	ADDRESS	4	PWKPTR	ADDRESS OF SETUP PARM FDB
1344	(540)	ADDRESS	4	SCHPTR	ADDRESS OF SCHEDULER BUF FDB
1348	(544)	ADDRESS	4	DL1PTR	ADDRESS OF DEADLINE FDB
1352	(548)	ADDRESS	4	DL2PTR	ADDRESS OF DEADLINE FDB
1356	(54C)	ADDRESS	4	PCDPTR	ADDRESS OF PROCESS BUF FDB
1360	(550)	ADDRESS	4	ISPPTR	ADDRESS OF IS PARM FDB
1364	(554)	ADDRESS	4	ISJDBPTR	ADDRESS OF IS JDAB
1368	(558)	ADDRESS	4	ISDRSVD4	RESERVED FOR SERVICE
1372	(55C)	ADDRESS	4	ISPDBPTR	ADDRESS OF PDB FDB
1376	(560)	ADDRESS	4	SDINPTR	ADDRESS OF IS INPUT MRF FDB
1380	(564)	ADDRESS	4	JCLCURR	ADDRESS OF JESJCLIN FDB
1384	(568)	ADDRESS	4	MSGCURR	ADDRESS OF JESMSGLG FDB 0302
1388	(56C)	ADDRESS	4	IJESJCLF	ADDRESS OF JESJCL FDB
1392	(570)	ADDRESS	4	TATPTR	ADDRESS OF JOB TAT FDB
1392	(570)	X'570'	0	ISFDBEND	"TATPTR" TAT MUST BE LAST IN LIST
				Comment	
VARIOUS AND SUNDRY POINTERS.					
				End of Comment	
1396	(574)	ADDRESS	4	ISDRSVS1	Reserved for IBM
1400	(578)	ADDRESS	4	ICURRFRP	CURRENT FRP BUFFER ADDRESS
1404	(57C)	ADDRESS	4	INEXTFRP	NEXT FRP BUFFER ADDRESS
1408	(580)	ADDRESS	4	LOCADDR	ADDRESS FROM ALOCATE
1412	(584)	ADDRESS	4	DVJRETRY	JESTAE RETRY ADDRESS
1416	(588)	ADDRESS	4	CJDABSE	CURRENT JDAB SE ADDRESS
1420	(58C)	ADDRESS	4	CJCTSE	CURRENT JCT SE ADDRESS
1424	(590)	ADDRESS	4	ISFAILOC	CC AND JSAM I/O LOCATION
1428	(594)	ADDRESS	4	JDSCURR	ADDRESS OF ACTIVE MRF FDB
1432	(598)	ADDRESS	4	PCDATCD	ADDRESS OF NEXT PLACE TO PUT DATA IN / PROCESS BUFFER
1436	(59C)	ADDRESS	4	ISSTADDR	STAGING AREA ADDRESS FOR DEMAND SELECT JOBS
1440	(5A0)	ADDRESS	4	ISJQEHLD	JQE ADDRESS OF JCT HELD
1444	(5A4)	ADDRESS	4	ISJBCLPT	JOB CLASS TABLE ADDRESS
1448	(5A8)	ADDRESS	4	ISDSECA	ADDRESS OF SECURITY CHECK PARMLIST
1452	(5AC)	ADDRESS	4	ISJCTBLD	JCT BUILD AREA ADDRESS
1456	(5B0)	ADDRESS	4	ISDLBLD	DEADLINE BUILD AREA ADDRESS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1460	(5B4)	ADDRESS	4	ISBUXWA	USER EXIT WORK AREA ADDRESS
1464	(5B8)	ADDRESS	4	ISDIREPT	CURRENT IRE ADDRESS
1468	(5BC)	ADDRESS	4	ERRORPTR	ADDRESS OF COLUMN CONTAINING SYNTAX ERROR
1472	(5C0)	ADDRESS	4	ISDJCLST	DJC SUCCESSOR LIST ADDRESS

Comment

ISDRVR START/END TIMES.

End of Comment

1476	(5C4)	SIGNED	4	TIMEON	- TIME ON FOR JOB
1480	(5C8)	SIGNED	4	TIMOFF	- TIME OFF FOR JOB
1484	(5CC)	SIGNED	4	IRTIMON	- READER START TIME THIS JOB
1488	(5D0)	SIGNED	4	IRDATON	- READER START DATE THIS JOB
1492	(5D4)	SIGNED	4	IRTIMOFF	- READER STOP TIME THIS JOB
1496	(5D8)	SIGNED	4	IRDATOFF	- READER STOP DATE THIS JOB
1500	(5DC)	SIGNED	4	CARDCNT	- CARD COUNT
1504	(5E0)	SIGNED	4	ISMAINAM (2)	ACMAIN= FROM / MAIN CARD
1512	(5E8)	SIGNED	4	LOCSAVE (2)	AREA FOR DSID ERROR POINTERS
1520	(5F0)	BITSTRING	1	CJCTSEST	JCT SE STATUS BYTE
1521	(5F1)	BITSTRING	1	ISMPSEQ	Main this job must run on
1522	(5F2)	BITSTRING	1	ISDRSVD (2)	RESERVED FOR DEVELOPMENT
1524	(5F4)	SIGNED	4	ISINTBJN	BINARY JOB NUMBER
1528	(5F8)	CHARACTER	8	ISDJOBID	JOB IDENTIFIER 2
1536	(600)	SIGNED	4	ISDSTFDB	ADDRESS OF SYMBOL TABLE FDB 0038
1540	(604)	SIGNED	4	ISDCONW	HEX CONVERSION WORK AREA 2
1544	(608)	SIGNED	4	ISNTIDSV (2)	SAVE AREA FOR NET ID $$$$
1552	(610)	SIGNED	4	PNAME (2)	
1560	(618)	SIGNED	4	ISPNOTE (3)	- SAVE AREA FOR PBUF NOTE INFORMATION 4
1572	(624)	BITSTRING	1	ISPRMCNT	NO. OF JOB CARD PARAMETERS
1573	(625)	BITSTRING	1	ISDSFLG	DDNAME= QUALIFIER IATISDS
		1...		ISDSPR	"X'80'" PROC NAME FOUND
		.1..		ISDSST	"X'40'" STEP NAME FOUND
1574	(626)	BITSTRING	1	ISDNMLNG	JCL statement name length 0009 work field 0009
1576	(628)	ADDRESS	4	NJEJHFDB	NJE header FDB
1580	(62C)	ADDRESS	4	NJEJTFDB	NJE trailer FDB
1584	(630)	SIGNED	4	ISDCOMMA	ADDRESS OF COMMA IN PASSWORD

Comment

1 LINE DELETED BY DCRR DGR0016 D

End of Comment

1588	(634)	SIGNED	4	DSNPTR	PTR TO START OF UPDATE DSN
1592	(638)	CHARACTER	8	ISDRNODE	NJE REPORT TO NODE NAME D016
1600	(640)	CHARACTER	8	ISDRUSER	NJE REPORT TO USERID D016
1608	(648)	BITSTRING	12	ICURRJDS	Current JDS buffer FDB
1620	(654)	SIGNED	4	ISDRSVU1 (4)	RESERVED FOR USER
1636	(664)	SIGNED	4	ISDSUBNO	JOBNO OF INTRDR SUBMITTER 0020

Comment

ISMSGL MESSAGE MF=L MESSAGE MACRO LIST
$RX=OS280 HJS6608 981217 PD0DR: OS 2.8.0

End of Comment

1640	(668)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1640	(668)	ADDRESS	4	ISMSGL	Text Address
1644	(66C)	BITSTRING	2		Destination Disp and Mask
1646	(66E)	BITSTRING	1		Flags and Priority
1647	(66F)	ADDRESS	1		Options Flag
1648	(670)	BITSTRING	2		Descriptor Codes
1650	(672)	SIGNED	2		Reserved 2 Bytes
1652	(674)	BITSTRING	17		Routing Codes

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1669	(685)	BITSTRING	1	(3)	Reserved
1672	(688)	BITSTRING	1	(8)	Jobid
1680	(690)	BITSTRING	1	(8)	Jobname
1688	(698)	BITSTRING	1	(8)	Key
1696	(6A0)	ADDRESS	4		CNDB Address 1
1700	(6A4)	ADDRESS	4		CNDB Address 2
1704	(6A8)	ADDRESS	4		CNDB Address 3
1708	(6AC)	ADDRESS	4		CNDB Address 4
1712	(6B0)	ADDRESS	4		CNDB Address 5
1716	(6B4)	ADDRESS	4		MLWO Address

Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
     Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT Name: IATYCNDB
      --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
     contains information related to the destination that
     messages should be sent to. This control block is built
     as commands are entered into to the system and is used by
     command processors as a destination for where to return
     messages to. The control block is imbeded in other
     control blocks and the size of the data area must not
     change (otherwise a JES3 cold start is required). The
     data is referenced by non-source maintained modules, so
     offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
```

```
  02 Virtual Storage: 94
  02 Auxiliary Storage: 94
  02 Subpool: n/a
  02 Key: 1
  02 Data Space: N/A
  02 Residency: any
  02 Frequency: n/a
  02 Size: 94
  02 Created by: n/a
  02 Deleted by: n/a
  02 Pointed to by: Imbeded within other control blocks
  02 Serialization: none
  01 EXTERNAL CLASSIFICATION: DMTI
  01 END OF EXTERNAL CLASSIFICATION:
  01 Distribution Library: AJES3MAC
  01 Method Of access:
  02 ASM: IATYCNDB
  02 PLX: %INCLUDE SYSLIB(IATYCNDB)
  01 CHANGE ACTIVITY:
     $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
     $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1720	(6B8)	SIGNED	4	ISDCNDB (0)	IATYCNDB.27: based variable for storage mapping
1720	(6B8)	SIGNED	4		Four byte console id 0176
1724	(6BC)	CHARACTER	4		IATYCNDB eyecatcher
1728	(6C0)	ADDRESS	4		IATYCNDB version
1732	(6C4)	BITSTRING	8		Reserved for development
1740	(6CC)	BITSTRING	8		Console Name 0176
1748	(6D4)	BITSTRING	24		Reserved for development
1772	(6EC)	SIGNED	2		Reserved for development
1774	(6EE)	BITSTRING	40		Reserved for development

Comment

```
        HALFWORD ALIGNMENT SECTION
```

End of Comment

Dec	Hex	Type/Value	Len	Name (Dim)	Description
1814	(716)	CHARACTER	2	ASPXXCNT	- DS COUNT
1816	(718)	SIGNED	2	ISFLCNT	CARDS FLUSHED BEFORE //JOB
1818	(71A)	SIGNED	2	ISJCLCT	JESJCL RECORD COUNT
1820	(71C)	SIGNED	2	ISJMSGCT	JESMSGLG RECORD COUNT
1822	(71E)	SIGNED	2	ISRSVS1	RESERVED FOR SERVICE
1824	(720)	SIGNED	2	ISDLDAY	DEADLINE DAY
1826	(722)	SIGNED	2	ISDLTIME	DEADLINE TIME
1828	(724)	SIGNED	2	IRUCBTYP	READER DEVICE TYPE/CLASS JMR 6
1830	(726)	SIGNED	2	ISJCLBCT	JESJCL byte count
1832	(728)	SIGNED	2	ISJMSGBC	JESMSGLG byte count
1834	(72A)	SIGNED	2	ISHRSS1 (4)	RESERVED FOR SERVICE
1842	(732)	SIGNED	2	ISHRSD1 (2)	RESERVED FOR DEVELOPMENT
1846	(736)	SIGNED	2	ISHRSU1 (4)	RESERVED FOR USER 5
1854	(73E)	BITSTRING	1	ISMSGJB	JOB'S MSGCLASS
1855	(73F)	BITSTRING	1	ISFLAG13	Input service flag byte 13

Comment

```
-------------------------------------------------------------
        Definition of ISFLAG13
-------------------------------------------------------------
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		ISFLGFRE	"X'80'" Indicates that the job has been set loose by IATISEN and that the JESTAE routine in IATISDV should not try to return the job number in case an abend occurs.
		.1..		ISJCNOCL	"X'40'" Do not check the job class 0023
		..1.		ISM6111F	"X'20'" IAT6111 message to be issued with JOB FLUSHED
		...1		ISMS6111	"X'10'" IAT6111 message to be issued
		.... 1...		ISASPCNT	"X'08'" ASP-style continuation detected
		.... .1..		ISASPREJ	"X'04'" Processing ASP-style JECL that will not be honored
		.... ..1.		ISFLG13_X02	"X'02'" Reserved for service
		1		ISFLG13_X01	"X'01'" Reserved for service 1
1856	(740)	BITSTRING	1	ISFLAG12	INPUT SERVICE FLAG BYTE

Comment

```
-------------------------------------------------------------
          DEFINITION OF ISFLAG12
-------------------------------------------------------------
```

End of Comment

		1...		ISDNODJC	"X'80'" DO NOT INCLUDE THIS DJC JOB IN THE MISSING SUCCESSOR PASS
		.1..		ISDRACUV	"X'40'" SUBMITTER'S USERID PRESENT IN ISDRACU
		..1.		ISDBADPW	"X'20'" ERROR FOUND IN THE PASSWORD 3
1856	(740)	X'1C'	0	ISPAFLGS	"ISPASCAN+ISPASDUP+ISDJSCAN" PASSWORD FLAGS
		...1		ISPASCAN	"X'10'" SCANNING FOR PASSWORD= AS A PART OF A COMMENT
		.... 1...		ISPASDUP	"X'08'" DUPLICATE PASSWORD
		.... .1..		ISDJSCAN	"X'04'" POSSIBLE JOB CARD/STATEMENT CONTINUATION
		.... ..1.		ISDCOMFD	"X'02'" FOUND COMMA/SPACE AFTER THE OLD PASSWORD
		1		ISNULPAS	"X'01'" NULL PASSWORD FOR NJE JOBS
1857	(741)	BITSTRING	1	ISBFLG2	- FLAG

Comment

```
-----------------------------------------------------------------
          DEFINITION OF ISBFLG2
-----------------------------------------------------------------
```

End of Comment

		.1..		ISBADSPR	"X'40'" - ADDRSPC=REAL FOUND ON JOB
		..1.		ISASCH	"X'20'" - ASCHINT JOB STARTING DC59 2
1858	(742)	CHARACTER	2	ISBUXID	CURRENT USER EXIT ID

Comment

```
     INPUT SERVICE FLAGS
     NOTE: THE FIELDS ISFLAGS AND ISFLGEND ARE USED FOR
          CLEARING THE INPUT SERVICE FLAGS ACROSS JOBS.
          THESE FLAGS MUST BE CONTIGUOUS.
```

End of Comment

1860	(744)	BITSTRING	1	ISFLAGS (0)	INPUT SERVICE FLAGS
1860	(744)	BITSTRING	1	JCLFLAG1	

Comment

```
-----------------------------------------------------------------
          DEFINITION OF JCLFLAG1
-----------------------------------------------------------------
```

End of Comment

		1...		JDELIM	"X'80'" - NEW DELIMITER EXISTS
		.1..		JMODEC	"X'40'" - DCB=MODE=C SPECIFIED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..1.		JENDCONT	"X'20'" - LAST CARD CONTINUATION
		...1		JNULL	"X'10'" - NULL CARD
		.... 1...		JSOUTCNT	"X'08'" - SYSIN CONTINUATION
		.... .1..		JDDATA	"X'04'" - DD DATA
		.... ..1.		JDDASK	"X'02'" - DD *
		1		JCLENDCM	"X'01'" - JCL ENDED WITH A COMMA.
1861	(745)	BITSTRING	1	JCLFLAG2	

Comment

```
-----------------------------------------------------------------
          DEFINITION OF JCLFLAG2
-----------------------------------------------------------------
```

End of Comment

		1...		ISRFL280	"X'80'" RESERVED FLAG
		.1..		ISRFL240	"X'40'" RESERVED FLAG
		..1.		ISACMN	"X'20'" ACMAIN= APPEARS ON / MAIN
		...1		ISINTRDR	"X'10'" INTERNAL RDR JOB
		.... 1...		ISSADEL	"X'08'" DEL CARD FOUND
		.... .1..		IJOURNAL	"X'04'" JOURNAL= FOUND ON / MAIN
		.... ..1.		IJRNLYES	"X'02'" JOURNAL=YES FOUND ON / MAIN
		1		ISDATASJ	"X'01'" J=YES ON / DATASET
1862	(746)	BITSTRING	1	JCLFLAG3	

Comment

```
-----------------------------------------------------------
          DEFINITION OF JCLFLAG3
-----------------------------------------------------------
```

End of Comment

		1...		ISLENERR	"X'80'" INPUT LENGTH ERROR
		.1..		ISLENFLU	"X'40'" ERROR MSG SENT
		..1.		JCLF3R20	"X'20'" RESERVED FOR SERVICE
		...1		ISADDSPR	"X'10'" ADDRSPC=REAL ON JOB CARD
		.... 1...		ISSYSOFF	"X'08'" SYSTEM=MAIN-NAME ON / MAIN
		.... .1..		ISNOJOB	"X'04'" NO JOB CARD FLAG
		.... ..1.		ISDUPINT	"X'02'" MULTIPLE / PROCESS CI
		1		ISJOBEM	"X'01'" JOB CARD ERROR MSG ISSUED
1863	(747)	BITSTRING	1	JCLFLAG4	

Comment

```
-----------------------------------------------------------------
          DEFINITION OF JCLFLAG4
-----------------------------------------------------------------
```

End of Comment

		1...		ISMSS	"X'80'" 'MSS=' BEING PROCESSED
		.1..		ISDJCJOB	"X'40'" DJC JOB PROCESSED
		..1.		ISPART	"X'20'" 'SPART=' WAS HERE ALREADY
		...1		ISMSGLV0	"X'10'" MSG LEVEL 0 FOR JCL
		.... 1...		ISDPRGSE	"X'08'" PURGE SE BUILT
		.... .1..		ISNUJTAT	"X'04'" A NEW JOBTAT HAS BEEN CREATED
		.... ..1.		ISFORCT	"X'02'" ILLEGAL FORMAT AC CARD
		1		ITRKGRPS	"X'01'" 'TRKGRPS' SPECIFIED ON MAIN
1864	(748)	BITSTRING	1	JCLFLAG5	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- DEFINITION OF JCLFLAG5 ----------
				End of Comment	
		1...		ISDTUX33	"X'80'" USER EXIT 33 WAS TAKEN
		.1..		ISDTUX34	"X'40'" USER EXIT 34 WAS TAKEN
		..1.		ISDTUX44	"X'20'" USER EXIT 44 WAS TAKEN
		...1		ISDTBYPS	"X'10'" BYPASS USER EXIT
		.... 1...		ISDTRCUR	"X'08'" RECURSIVE ENTRY INTO USER EXIT REQUESTED
		.... .1..		ISDTCONT	"X'04'" JCL CARD CONTINUED, ENTER THE SAME EXIT
		.... ..1.		ISUPDSER	"X'02'" ILLEGAL UPDATE= DSNAME
		1		ISDDELIM	"X'01'" XMIT DELIMITER ACTIVE 0431
				Comment	
					---------- BE AWARE: ISFLAG1, ISFLAG2, ISFLAG3, ISFLAG4, ISFLAG5 ISFLAG6, ISFLAG11, ISFLAG12, ISFLAG13 and most of 0 ISFLAG9 is reset in IATISDV between jobs. 0 0 ----------
				End of Comment	
1865	(749)	BITSTRING	1	ISFLGBEG (0)	BEGIN FLAGS TO CLEAR OF 0652 RESIDUAL JOB DATA 0652
1865	(749)	BITSTRING	1	ISFLAG1	
				Comment	
					---------- DEFINITION OF ISFLAG1 ----------
				End of Comment	
		1111		IJOBCONT	"X'F0'" - JOB CARD CONTINUATION
		.1.1		IJOBDONE	"X'50'" - JOBCARD PROCESSED
		..1.		IENDPROC	"X'20'" - END PROCESS READ
		.... 1...		IDCB	"X'08'" - COLUMN BINARY DATASET
		.... .1..		IDCBFRST	"X'04'" - COLUMN BINARY FIRST HALF
		.... ..1.		IPROC	"X'02'" - / PROCESS READ
		1		IFRPBFWR	"X'01'" - FRP BUFFER TO BE WRITTEN
1866	(74A)	BITSTRING	1	ISFLAG2	
				Comment	
					---------- DEFINITION OF ISFLAG2 ----------
				End of Comment	
		1...		IRDRPROC	"X'80'" - / PROCESS CICONTL ENCOUNTERED
		.1..		IMAINNOT	"X'40'" - / MAIN NOT SYSTEM SPECIFICATION
		..1.		IDATASET	"X'20'" - / DATASET ENCOUNTERED
		...1		INETCNT	"X'10'" - / NET CONTINUATION
		...1		IMAINCNT	"X'10'" - / MAIN CONTINUATION
		...1		IFMTOT	"X'10'" - FORMAT OUTPUT CONTINUATION
		.... 1...		IFMATER2	"X'08'" - DEVICE TYPE ERROR IN IATISFR
		.... .1..		IJOBSTUP	"X'04'" - JOB SETUP SPECIFIED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		ISORGTSO	"X'02'" - JOB ORIGINATED FROM TSO OR 0009 THE JOB THAT SUBMITTED THIS 0009 JOB VIA THE INTRDR HAS A 0009 USERID ASSOCIATED WITH IT 0009 (E.G. *MAIN USERID=) 0009
		1		ISCOMENT	"X'01'" - COMMENT CARD NOT YET CHECKED
1867	(74B)	BITSTRING	1	ISFLAG3	

Comment

DEFINITION OF ISFLAG3

End of Comment

		1...		INMLEND	"X'80'" - NORMAL END
		.1..		IJBREAD2	"X'40'" - JOB CARD READ
		..1.		IEOF	"X'20'" - EOF READ
		...1		ISDVPROC	"X'10'" - ISDRVR SCHEDULED VIA / PROCESS
		.... 1...		IABEND	"X'08'" - ABNORMAL TERMINATION
		.... .1..		IDJCPROC	"X'04'" - / PROCESS DJC ENCOUNTERED
		.... ..1.		IFLUSH	"X'02'" - CONTROL CARD ERROR
		1		IDJCMSE	"X'01'" - DJC NON-STANDARD DJC JOB HAS MAIN SE
1868	(74C)	BITSTRING	1	ISFLAG4	

Comment

DEFINITION OF ISFLAG4

End of Comment

		1...		ILPAREN	"X'80'" - LEFT PAREN
		.1..		IPROC2	"X'40'" - / PROCESS ENCOUNTERED
		..1.		INITLOGC	"X'20'" - ISLOGIC INIT SWITCH
		...1		IDJCER3	"X'10'" - INVALID SPECIFICATION OF RELSCHCT
		.... 1...		IBUFF	"X'08'" - PROCESS DATA BUFFER
		.... .1..		ILPAREN2	"X'04'" - ADDITIONAL LEFT PAREN $$$$
		.... ..1.		INETPROC	"X'02'" - / NET CNTL CARD HAS BEEN PROCESSED
		1		ISPWCONT	"X'01'" - PASSWORD CONTINUATION
1869	(74D)	BITSTRING	1	ISFLAG5	- RESERVED FOR DEVELOPMENT

Comment

DEFINITION OF ISFLAG5

End of Comment

		1...		IFMATPRT	"X'80'" - / FORMAT PR ENCOUNTERED
		.1..		IFMATAC	"X'40'" - / FORMAT AC ENCOUNTERED
		..1.		ISYSTEM	"X'20'" - SYSTEM= PARAMETER SPECIFIED
		...1		IJPRTY	"X'10'" - JPRTY SPECIFIED ON MAIN CARD
		.... 1...		ISDLEAPY	"X'08'" - DEADLINE LEAP YEAR FLAG
		.... .1..		ISDLPOST	"X'04'" - DEADLINE MUST BE POSTED
		.... ..1.		ISSEQACT	"X'02'" - SEQUENCE CHECKING ACTIVE
		1		ISYSTEMS	"X'01'" - SPECIFIC SYSTEM= FOUND
1870	(74E)	BITSTRING	1	ISFLAG6	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

		DEFINITION OF ISFLAG6			

				End of Comment	
		1...		ISMAINSE	"X'80'" - MAIN SE IN THIS JOB
		.1..		ISOUTPUT	"X'40'" - LAST SE CREATED WAS OUTPUT
		..1.		ISFLG620	"X'20'" RESERVED FOR SERVICE
		...1		ISCISE	"X'10'" JOB HAS C/I SE
		.... 1...		ISNETDON	"X'08'" NETWORK JOB COMPLETED ISNJ 0155
		.... .1..		ISDXMITS	"X'04'" JOB CONTAINS XMIT STATEMENT 0253 2
		.... ..1.		ILCOMMA	"X'02'" COMMA FOUND
		1		ISTYPE	"X'01'" - TYPE= PARM PROCESSED 0491
1870	(74E)	X'74F'	0	ISFLGTRM	"*" END OF FLAGS TO BE CLEARED 0652 OF RESIDUAL DATA 0652
1870	(74E)	X'6'	0	ISFLGLEN	"ISFLGTRM-ISFLGBEG" LENGTH OF FLAGS TO BE 0652 CLEARED OF RESIDUAL DATA 0652
1871	(74F)	BITSTRING	1	ISFLAG11	0491
				Comment	
		----------	0		
		DEFINITION OF ISFLAG11 0			
		----------	0		
				End of Comment	
		1...		ISDRECFL	"X'80'" ISIR JESTAE RECURSION FLAG 0491
		.1..		ISD6109	"X'40'" ISIR - ISSUE IAT6109 0491
		..1.		ISDPURGE	"X'20'" ISPR - / PROCESS PURGE 0491
		...1		ISDPWENC	"X'10'" PASSWORD(S) ARE ENCRYPTED
		.... 1...		ISRQJBID	"X'08'" REQUEST JOBID JOB
		.... .1..		ISTSOSUB	"X'04'" JOB ORIGIN IS FROM A TSO SUB
		.... ..1.		ISHOLDJB	"X'02'" Force TYPRUN=HOLD
		1		ISMPSEQS	"X'01'" A main was specified that this job MUST run on 0491
1871	(74F)	X'750'	0	ISFLGEND	"*" END OF INPUT SERVICE FLAGS
1871	(74F)	X'C'	0	ISFLAGSZ	"ISFLGEND-ISFLAGS" LENGTH OF IS FLAGS
1872	(750)	CHARACTER	2	ISFLAGSU (0)	- USER INPUT SERVICE FLAGS
1872	(750)	BITSTRING	1	ISFLAG7	- RESERVED FOR USER
1873	(751)	BITSTRING	1	ISFLAG8	- RESERVED FOR USER
1874	(752)	BITSTRING	1	ISFLAG9	- FLAG BYTE FOR ISFLAG9
				Comment	

		DEFINITION OF ISFLAG9			

				End of Comment	
		1...		ISDSEL	"X'80'" - DEMAND SELECT JOB
		.1..		ISFFRPB	"X'40'" - FIRST FRP BUFFER IS FULL
		..1.		ISOTSERV	"X'20'" - / PROCESS OUTSERV FOUND
		...1		ISMSGCLS	"X'10'" - MSGCLASS SET IN MSG DATASETS
		.... 1...		ISSYSLOG	"X'08'" - THIS JOB IS THE SYSTEM LOG
		.... .1..		ISUX28FL	"X'04'" DUMMY USER EXIT 28
		.... ..1.		ISUX29FL	"X'02'" DUMMY USER EXIT 29
		1		IS28FLSH	"X'01'" FLUSH JOB FROM UX28
1875	(753)	BITSTRING	1	ISFLAG10	- FLAG BYTE FOR ISFLAG10

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

					DEFINITION OF ISFLAG10

				End of Comment	
		1...		ISMVSTSO	"X'80'" MVS/TSO JOB BEING PROCESSED
		.1..		ISCIRSVD	"X'40'" CI DEFAULT MSGCLASS RSVD
		..1.		ISDTHWSP	"X'20'" THWSSEP OVERRIDE PRESENT
		...1		ISRESTRT	"X'10'" INTRDR RESTART
		.... 1...		ISSYMTBL	"X'08'" SYMBOL TABLE PRESENT 0038
		.... .1..		ISJOBRST	"X'04'" RESTART= IS BEING PROCESSED
		.... ..1.		ISDTASET	"X'02'" / DATASET PRESENT
		1		ISDLN	"X'01'" - DEADLINE FOUND
1876	(754)	BITSTRING	1	ISSYSTEM	- SYSTEM TYPE FOR THIS JOB
				Comment	

					DEFINITION OF ISSYSTEM

				End of Comment	
		1...		ISANY	"X'80'" - UNUSED
		.1..		ISGLOBAL	"X'40'" - ANY GLBL SYSTEM FOR THIS JOB
		..1.		ISLOCAL	"X'20'" - ANY LCL SYSTEM FOR THIS JOB
		.... .1..		ISANYJES	"X'04'" - ANY JES SYSTEM FOR THIS JOB
1877	(755)	BITSTRING	1	ISJOBPTY	JOB PRIORITY
1878	(756)	CHARACTER	1	ISJBFAIL	JOB FAILURE OPTION
1879	(757)	BITSTRING	1	IJDSFLAG	FLAG BYTE FOR IJDSFLAG 0153
				Comment	

					DEFINITION OF IJDSFLAG

				End of Comment	
		.... 1...		IJOPEN	"X'08'" - OPEN COMPLETE / NO JDS CLOSE
		.... .1..		IJSAME	"X'04'" - JDSADDR = IJDSFRST
		.... ..1.		IJFIRST	"X'02'" - IJDSFRST READ IN
1880	(758)	CHARACTER	8	SDJOBORG	SAVE AREA FOR JOB ORIGIN 0153
1888	(760)	BITSTRING	1	SDFLG	- FLAG BYTE FOR ASPDRDR 0153
				Comment	

					DEFINITION OF SDFLG

				End of Comment	
		1...		SDRESTRT	"X'80'" - RESTART
		.1..		SDORGBSC	"X'40'" - JOBS FROM RJP TERMINAL
		..1.		SDNOTOPN	"X'20'" - FIRST TIME OPENING OF M-R-F
		...1		ISNOPROC	"X'10'" - BYPASS '// ' CARD IN IATISJL
		1		SDCKPTJD	"X'01'" - NEED TO CKPT JOBS DONE CT
1889	(761)	BITSTRING	1	RDRDSP	- SUBRDR DSP NO 1
1890	(762)	BITSTRING	1	ROUTEFLG	- FLAG BYTE FOR ROUTEFLG

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

					DEFINITION OF ROUTEFLG

				End of Comment	
		1...		NJPFORM	"X'80'" - UNUSED
		.1..		NORISE	"X'40'" - NO RICONTL CARD PROCESSING
		..1.		ISNVLDSE	"X'20'" INVALID / PROCESS RI $$$$ /CI FOR DEFINED SYSTEM $$$$
		.... ..1.		ISNJPINT	"X'02'" UNUSED
		1		ISLSTINT	"X'01'" / PROCESS CI, NO MAIN
		.... 1...		RODEST	"X'08'" - DEST KEYWORD FOUND
		.... .1..		ROFROM	"X'04'" - FROM KEYWORD FOUND
1891	(763)	BITSTRING	1	JCLFLAG6	FLAG BYTE
				Comment	

					DEFINITIONS FOR JCLFLAG6

				End of Comment	
		1...		ISPASWDF	"X'80'" JOB CARD PASSWORD PROCESSED
		.1..		JCFLG640	"X'40'" RESERVED FOR SERVICE
		..1.		JCFLG620	"X'20'" RESERVED FOR SERVICE
		...1		ISPACONT	"X'10'" SCAN PASSWORD CONTINUED
		.... 1...		ISPARON	"X'08'" MUST SET ILPAREN
		.... .1..		ISDJNWAT	"X'04'" IATISNT WAITING FOR INPUT SERVICE ACTIVE COUNT TO BE ZERO FOR THIS NET
		.... ..1.		ISDPAERM	"X'02'" PASSWORD ERROR MSG ISSUED
		1		ISINAPOS	"X'01'" ENCLOSED IN APOSTROPHES 0431
1892	(764)	BITSTRING	1	XMITFLAG	0431
				Comment	
				---------- 0	
					DEFINITIONS FOR XMITFLAG 0
				---------- 0	
				End of Comment	
		1...		ISDXDEST	"X'80'" 'DEST=' PARM PROCESSED 0431
		.1..		ISDXCONT	"X'40'" XMIT STATEMENT CONTINUED 0431
		..1.		ISDXDLMA	"X'20'" XMIT DELIMITER ACTIVE 0431
		...1		ISDXREQH	"X'10'" REMOTE NODE = HOME NODE 0431
		.... 1...		ISDXQUOT	"X'08'" XMIT KEYWORD CONTAINS QUOTE
		.... .1..		ISDXSBCA	"X'04'" XMIT SUBCHARS ACTIVE 0431
1892	(764)	X'8'	0	ISDISJN	"8" 0431
				Comment	
				---------- 0	
					REGISTER 8 CONTAINS AN OFFSET INTO A BRANCH TABLE USED WHEN 0
					IATISLG CALLS IATISJN. THE FOLLOWING VALUES CAN BE USED TO 0
					CALL THE CORRESPONDING SUBROUTINES LOCATED IN IATISJN. 0
				---------- 0	
				End of Comment	
1892	(764)	X'0'	0	ISDSACCT	"0" JNIACCT 0431
1892	(764)	X'4'	0	ISDSROUT	"4" JNIROUTE 0431
1892	(764)	X'8'	0	ISDSXMIT	"8" JNIXMIT 0431
1892	(764)	X'C'	0	ISDSXCNT	"12" JNIXMITC 0431 0431

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1892	(764)	X'F'	0	ISDISLG	"15" 0431

Comment

```
------------------------------------------------------------ 0
REGISTER 15 CONTAINS AN OFFSET INTO A BRANCH TABLE USED 0
WHEN IATISJN RETURNS TO IATISLG. THE FOLLOWING VALUES CAN 0
BE USED TO RETURN TO SPECIFIC ENTRY POINTS LOCATED IN 0
IATISLG. 0
------------------------------------------------------------ 0
```

End of Comment

1892	(764)	X'0'	0	ISDABEND	"0" ABEND 0431
1892	(764)	X'4'	0	ISDIN015	"4" IN015 0431
1892	(764)	X'8'	0	ISDIRTRN	"8" JNIRTRN 0431
1892	(764)	X'C'	0	ISDTRP01	"12" JNITRP01 0431
1893	(765)	BITSTRING	3	ISTRCFL (0)	JESTAE FLAGS
1893	(765)	BITSTRING	1	ISJSTAF1	
1894	(766)	BITSTRING	2	ISJSTAFR	RESERVED FOR JES3 (JESTAE)

Comment

```
------------------------------------------------------------
          DEFINITION OF ISJSTAF1
------------------------------------------------------------
```

End of Comment

		1...		ISDSOSE	"X'80'" OSE LOCK SET
		.1..		ISDISACT	"X'40'" JNCB INPUT SERVICE ACTIVE COUNT (JNISACNT) WAS INCREMENTED
1896	(768)	BITSTRING	1	ISPRMLVL	MESSAGE LEVEL FROM CI PARMS
1897	(769)	BITSTRING	1	ISFRSVS2	RESERVED FOR SERVICE
1898	(76A)	BITSTRING	2	ISJNDLM (0)	DLM SAVE AREA
1898	(76A)	BITSTRING	1	ISJNDLM1	1ST CHARACTER OF DLM
1899	(76B)	BITSTRING	1	ISJNDLM2	2ND CHARACTER OF DLM
1900	(76C)	CHARACTER	2	ISDELIM	- DEFAULT DELIMITER
1902	(76E)	CHARACTER	8	ISJOBCLS	0153
1910	(776)	BITSTRING	1	ISPARMCI	CI DEFAULT MSGCLASS
1911	(777)	BITSTRING	1	ISDRSVD3	RESERVED FOR DEVELOPMENT
1912	(778)	BITSTRING	1	ISDLYEAR	DEADLINE YEAR
1913	(779)	CHARACTER	8	ISDDNAME	INPUT DDNAME 0153
1921	(781)	CHARACTER	4	ISUA	INPUT DEVICE NUMBER (EBCDIC)
1925	(785)	BITSTRING	8	ISDRACU	SUBMITTER'S USER ID 0153
1933	(78D)	BITSTRING	8	ISDRACG	SUBMITTER'S GROUP ID 0153
1941	(795)	CHARACTER	8	ISDUSERI	USER= KEYWORD VALUE FROM THE JOB STATEMENT
1949	(79D)	CHARACTER	8	ISDGROUP	GROUP= KEYWORD VALUE FROM THE JOB STATEMENT
1957	(7A5)	CHARACTER	8	ISDSECLB	SECLABEL= KEYWORD VALUE FROM THE JOB STATEMENT
1965	(7AD)	CHARACTER	8	ISTUSID	- TSO USER ID
1973	(7B5)	CHARACTER	8	ISACMAIN	- TSO MAIN NAME
1981	(7BD)	CHARACTER	2	ISPARMID	PARM ID FOR C/I 0153
1983	(7BF)	BITSTRING	1	ISSRHDSP	- DSP NO FOR SEARCH ARGUMENT
1984	(7C0)	BITSTRING	1	ISCHGDSP	- DSP NO TO CHANGE TO
1985	(7C1)	CHARACTER	1	ISIRCLAS	INTRDR DEFAULT MSGCLASS
1986	(7C2)	BITSTRING	1	ISDRSVD5	RESERVED FOR DEVELOPMENT
1987	(7C3)	CHARACTER	80	ISCDBUFF	BUFFER 4 CARD LT 80 COL 0153

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- 0 THE FOLLOWING WORK AREA IS USED TO BUILD A START 0 COMMAND THAT IS INTERCOM'ED TO DJCUPDAT FOR MISSING 0 SUCCESSOR PROCESSING. THE ADDRESS OF A MISSING 0 SUCCESSOR TABLE IS PASSED IN THE COMMAND TEXT. 0 SINCE THE INTERCOM RESULTS IN A MGCRE (SVC 34) TO 0 BE ISSUED, THE TABLE ADDRESS IS PASSED IN CHARACTER 0 FORMAT TO PREVENT THE SVC34 PROCESSOR FROM 0 PERFORMING CHARACTER TRANSLATION ON THE TABLE ADDR. 0 ---------- 0
					End of Comment
2067	(813)	ADDRESS	1	ISDVINTM	
2068	(814)	CHARACTER	12		1
2080	(820)	CHARACTER	18	ISDVINTD	INTERCOM DATA
2080	(820)	X'820'	0	ISDVINTL	"ISDVINTD,8" SPACE FOR TABLE ADDRESS 0159
2098	(832)	BITSTRING	2		DJCUPDAT MSSG SUCC PASS
2098	(832)	X'834'	0	ISDVINTE	"*" END OF COMMAND WORK AREA 0159 2
2100	(834)	SIGNED	4	(0)	
					Comment
					---------- DATA AREAS FOR NETWORKING INPUT SERVICE
					End of Comment
2100	(834)	CHARACTER	20	ISDPNAME	PROGRAMMER NAME - NJE HDRS
2120	(848)	CHARACTER	8	ISDNACCT	NETWORK ACCOUT # - NJE HDRS
2128	(850)	CHARACTER	8	ISUSERID	USER-ID - NJE HDRS
2136	(858)	CHARACTER	8	ISDNDEPT	DEPARTMENT NUMBER -NJE HDRS
2144	(860)	CHARACTER	8	ISDNBLDG	BUILDING NUMBER - NJE HDRS
2152	(868)	CHARACTER	8	ISDNROOM	ROOM NUMBER - NJE HDRS
2160	(870)	SIGNED	4	ISDUSERF	NJE WORK AREA ADDRESS
2164	(874)	SIGNED	4	SDJOBNUM	JES3 job number
2168	(878)	CHARACTER	8	SDUSERID	PROGRAMMER USERID
2176	(880)	CHARACTER	8	SDJDORG2	SECONDARY ORIGIN
2184	(888)	BITSTRING	1	SDJDNJFL	COPY OF JDABNJE1 FLAG BYTE
2185	(889)	BITSTRING	1	SDJDNJF2	COPY OF JDABNJE2 FLAG BYTE
2186	(88A)	BITSTRING	1	SDJDORGQ	MAIN INDEX
2187	(88B)	CHARACTER	8	SDJDXEQU	EXECUTION USER ID
					Comment
					PASSWORD INFORMATION. ---------- THE FOLLOWING PASSWORDS ARE OBTAINED FROM THE NJE JOB HEADER AND PUT IN THE ISDRVR'S JDAB WHEN THE JOB ARRIVES AT THIS NODE. ISDRVR SAVES THESE PASSWORDS IN ISDCPWD AND ISDNPWD SO THAT THEY CAN BE TRANSFERED LATER TO THE JOB'S JDAB. ----------
					End of Comment
2195	(893)	BITSTRING	9	ISDCPWD (0)	OLD NJE PASSWORD
2195	(893)	BITSTRING	1	ISDCPLN	PASSWORD LENGTH
2196	(894)	BITSTRING	8	ISDCPAS	CURRENT PASSWORD
2204	(89C)	BITSTRING	9	ISDNPWD (0)	NEW NJE PASSWORD
2204	(89C)	BITSTRING	1	ISDNPLN	NEW PASSWORD LENGTH
2205	(89D)	BITSTRING	8	ISDNPAS	NEW PASSWORD

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- PASSWORD RELATED TRANSLATE TABLE ADDRESSES. ----------
					End of Comment
2216	(8A8)	ADDRESS	4	ISDUNHAD	ADDRESS OF TRANSLATE TABLE USED TO UNHASH PASSWORDS
2220	(8AC)	ADDRESS	4	ISDHSHAD	ADDRESS OF TRANSLATE TABLE USED TO HASH PASSWORDS
					Comment
					---------- MISCELLANEOUS PASSWORD INFORMATION. ----------
					End of Comment
2224	(8B0)	ADDRESS	4	ISPASRET	IATISJB PASSWORD ROUTINE RETURN ADDRESS
2228	(8B4)	CHARACTER	9	ISPSWSAV (0)	PASSWORD SAVE AREA USED 0641 FOR THE FOLLOWING: 0641 0641 0641 1) (ISEN) WHEN PASSING A PASSWORD TO SAF FOR 0641 JOB VALIDATION 0641 0641 2) (ISEN) WHEN PASSING A PASSWORD TO SAF FOR 0641 ENCRYPTION 0641 0641 3) (ISNJ) WHEN PASSING A PASSWORD TO SAF FOR 0641 ENCRYPTION 0641 0641
2228	(8B4)	BITSTRING	1	ISPSWSVL	SAVED PASSWORD LENGTH 0641
2229	(8B5)	CHARACTER	8	ISPSWSVD	SAVED PASSWORD DATA 0641
2240	(8C0)	SIGNED	4	ISPASADD	ADDRESS OF VALID PASSWORD
2244	(8C4)	CHARACTER	14	ISDRSVS3	RESERVED FOR SERVICE
2258	(8D2)	BITSTRING	9	ISDOLDPW (0)	WORK AREA FOR OLD PASSWORD
2258	(8D2)	BITSTRING	1	ISDOLDPL	LENGTH OF OLD PASSWORD
2259	(8D3)	BITSTRING	8	ISDOLDPT	OLD PASSWORD TEXT
2267	(8DB)	BITSTRING	9	ISDNEWPW (0)	WORK AREA FOR NEW PASSWORD
2267	(8DB)	BITSTRING	1	ISDNEWPL	LENGTH OF NEW PASSWORD
2268	(8DC)	BITSTRING	8	ISDNEWPT	NEW PASSWORD TEXT
2276	(8E4)	BITSTRING	1	ISFLAGX	JOB CARD PROCESSING FLAGS
					Comment
					---------- DEFINITION OF ISFLAGX ----------
					End of Comment
		1...		ISACTPRO	"X'80'" ACCOUNTING INFO PROCESSED
		.1..		ISAPOEFF	"X'40'" APOSTROPHE IN EFFECT
		..1.		ISKEYFND	"X'20'" JOB CARD KEYWORD FOUND
2277	(8E5)	BITSTRING	1	ISJLOGFL	JESLOG flag
					Comment
					---------- Definition of ISJLOGFL ----------
					End of Comment
		1...		ISSPIN	"X'80'" SPIN was specified
		.1..		ISSUPR	"X'40'" SUPPRESS was specified
		..1.		ISNOSPIN	"X'20'" NOSPIN was specified
2278	(8E6)	BITSTRING	2	ISDXSBCS	XMIT SUBCHARS= PARAMETER
2280	(8E8)	BITSTRING	2	IS6126ER	MSG IAT6126 ERROR CODE
2282	(8EA)	BITSTRING	2	IS6126RC	MSG IAT6126 REASON CODE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2284	(8EC)	CHARACTER	4	ISDRSVS5	RESERVED FOR SERVICE
2288	(8F0)	SIGNED	4	ISDACTS1	SAVE AREA FOR POSSIBLE
2292	(8F4)	SIGNED	4	ISDACTS2	JOB CARD CONTINUATION
2296	(8F8)	ADDRESS	4	ISDACTIA	RESERVED FOR IBM
2300	(8FC)	BITSTRING	1	ISACCCNT	RESERVED FOR IBM
2301	(8FD)	BITSTRING	143	ISACCTXT	RESERVED FOR IBM
2444	(98C)	BITSTRING	4		RESERVED
2448	(990)	BITSTRING	2		RESERVED
2450	(992)	BITSTRING	2	ISJNSBCS	EXTRACTED SUBCHARS DELIMITER
2452	(994)	SIGNED	4	ISDTRGSV (18)	REGISTER SAVE AREA
2524	(9DC)	BITSTRING	1	ISDNJEFL	NETWORK FLAGS

Comment

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        DEFINITION OF ISDNJEFL
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End of Comment

		1...		ISDXMIT	"X'80'" PROCESSING XMIT CARD 0431
		.1..		ISDROUTE	"X'40'" PROCESSING ROUTE CARD 0431
		..1.		ISDSNA	"X'20'" PROCESSING SNA NODE 0431
		...1		ISDNFLSH	"X'10'" FLUSH NETWORK JOB 0431
		.... 1...		ISDNSKCI	"X'08'" SKIP CI / MAIN PROCESSING 0431
		.... .1..		ISDNALOW	"X'04'" XMIT / ROUTE ALLOWED 0431
		.... ..1.		ISDNSKTK	"X'02'" SKIP SECURITY TOKEN PROCESSING 0431 0431 0431
2525	(9DD)	CHARACTER	2	ISDXDLM (0)	XMIT DELIMITER
2525	(9DD)	CHARACTER	1	ISDXDLM1	FIRST BYTE OF DELIMITER
2526	(9DE)	CHARACTER	1	ISDXDLM2	SECOND BYTE OF DELIMITER
2527	(9DF)	CHARACTER	80	ISDSACD	SAVE XMIT DESTINATION CARD 0153
2608	(A30)	SIGNED	4	ISDSAV1	ISLG 2ND BASE REG SAVE AREA
2612	(A34)	SIGNED	4	ISDSAV2	REGISTER SAVE AREA
2616	(A38)	SIGNED	4	ISDSAV3	REGISTER SAVE AREA
2620	(A3C)	BITSTRING	16	ISDTCLK	MVS TIME service data area
2620	(A3C)	SIGNED	4	ISDTIME1	Word 1 of TIME
2624	(A40)	SIGNED	4	ISDTIME2	Word 2 of TIME
2628	(A44)	SIGNED	4	ISDDATE	Current date
2632	(A48)	SIGNED	4	ISDTIME4	Unused
2636	(A4C)	BITSTRING	8	ISDSTCK	STCK work area

Comment

MACDATE 09/08/99

End of Comment

2644	(A54)	SIGNED	4	ISDTIMEL (0)
2644	(A54)	BITSTRING	28	

Comment

MACDATE 05/30/98

End of Comment

2644	(A54)	SIGNED	4	ISDCTODL (0)
2644	(A54)	BITSTRING	32	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

					TRANSLATE TABLE TO CHECK FOR ALPHAMERIC OR NATIONAL

				End of Comment	
2676	(A74)	CHARACTER	1	ISDTRT (91)	X'00 TO X'3F' BLANKS 0431 2
2767	(ACF)	BITSTRING	1		TEST BYTE FOR $
2768	(AD0)	CHARACTER	1	(31)	X'5C TO X'7B' BLANKS
2799	(AEF)	BITSTRING	2		TEST BYTES FOR # AND @
2801	(AF1)	CHARACTER	1	(68)	X'7D' TO X'C0' BLANKS
2869	(B35)	BITSTRING	9		TEST BYTES FOR A THRU I
2878	(B3E)	CHARACTER	1	(7)	X'CA TO X'D0' BLANKS
2885	(B45)	BITSTRING	9		TEST BYTES FOR J THRU R
2894	(B4E)	CHARACTER	1	(8)	X'DA TO X'E1' BLANK
2902	(B56)	BITSTRING	8		TEST BYTES FOR S THRU Z
2910	(B5E)	CHARACTER	1	(6)	X'EA TO X'EF BLANK
2916	(B64)	BITSTRING	10		TEST BYTES FOR 0 THRU 9
2926	(B6E)	CHARACTER	1	(6)	X'FA TO X'FF' BLANK
2932	(B74)	CHARACTER	120	ISMSGBLD	MESSAGE BUILD AREA -
3052	(BEC)	CHARACTER	80	ISDSTOKN	SUBMITTOR TOKEN AND PORT OF 0246
3132	(C3C)	CHARACTER	8	ISDPOE	ENTRY FOR INTRDR JOBS 0250
3146	(C4A)	CHARACTER	8	ISDPSTN	Procedure step name 0009
3154	(C52)	CHARACTER	8	ISDSTEPN	Step name 0009
3162	(C5A)	CHARACTER	8	ISDDNAM	SYSIN DD name 0009
				Comment	
					DATA AREAS ADDRESSABLE VIA PRIOR ADDRESS CONSTANTS
				End of Comment	
				Comment	
					TRANSLATE TABLES

					TRANSLATE TABLE TO LOOK FOR SPECIAL CHARACTERS.

				End of Comment	
4096	(1000)	CHARACTER	256	ISDTRTB (0)	DLM TRT TABLE
4096	(1000)	BITSTRING	1	(193)	SPECIAL CHARS
4289	(10C1)	BITSTRING	1	(9)	FIRST SET OF ALPHABET LETT.
4298	(10CA)	BITSTRING	1	(7)	SPECIAL CHARS
4305	(10D1)	BITSTRING	1	(9)	SECOND SET OF ALPHABET LETT.
4314	(10DA)	BITSTRING	1	(8)	SPECIAL CHARS
4322	(10E2)	BITSTRING	1	(8)	THIRD SET OF ALPHABET LETT.
4330	(10EA)	BITSTRING	1	(6)	SPECIAL CHARS
4336	(10F0)	BITSTRING	1	(10)	NUMBERS RAPRESENTATION
4346	(10FA)	BITSTRING	1	(6)	SPECIAL CHARS
				Comment	

					TRANSLATE TABLE TO CONVERT LOWER CASE CHARACTERS TO UPPER CASE, AND TO SET UNDEFINED CHARACTERS TO BLANKS.

				End of Comment	
4352	(1100)	CHARACTER	1	ISDTRTBL (74)	X'00' TO X'49' BLANKS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
4426	(114A)	CHARACTER	8		X'4A' TO X'50' SP CHARS
4433	(1151)	CHARACTER	1	(9)	X'51' TO X'59' BLANKS
4442	(115A)	CHARACTER	8		X'5A' TO X'61' SP CHARS
4450	(1162)	CHARACTER	1	(8)	X'62' TO X'69' BLANKS
4458	(116A)	BITSTRING	1		X'6A' SPECIAL CHARACTER
4459	(116B)	CHARACTER	5		X'6B' TO X'6F' SP CHARS
4464	(1170)	CHARACTER	1	(9)	X'70' TO X'78' BLANKS
4473	(1179)	BITSTRING	1		X'79' SPECIAL CHARACTER
4474	(117A)	CHARACTER	7		X'7A' TO X'7F' SP CHARS
4480	(1180)	CHARACTER	16		LOWER CASE ALPHA CHARS
4496	(1190)	CHARACTER	16		LOWER CASE ALPHA CHARS
4512	(11A0)	BITSTRING	2		X'A0' BLANK, X'A1' SPEC CHAR
4514	(11A2)	CHARACTER	14		LOWER CASE ALPHA CHARS
4528	(11B0)	CHARACTER	1	(16)	X'B0' TO X'BF' CHARACTERS
4544	(11C0)	BITSTRING	1		X'C0' SPECIAL CHARACTER
4545	(11C1)	CHARACTER	15		UPPER CASE ALPHA CHARS
4560	(11D0)	BITSTRING	1		X'D0' SPECIAL CHARACTER
4561	(11D1)	CHARACTER	15		UPPER CASE ALPHA CHARS
4576	(11E0)	BITSTRING	1		X'E0' SPECIAL CHARACTER
4577	(11E1)	CHARACTER	15		UPPER CASE ALPHA CHARS
4592	(11F0)	CHARACTER	16		

Comment

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-----------------------------------------------------------------
      TRANSLATE TABLE FOR UNHASHING A PASSWORD.
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End of Comment

4608	(1200)	BITSTRING	1	ISDUNHAS (0)	
4608	(1200)	BITSTRING	1		00
4609	(1201)	CHARACTER	2		01-02
4611	(1203)	BITSTRING	45		03-2F
4656	(1230)	CHARACTER	1		30
4657	(1231)	BITSTRING	15		31-3F
4672	(1240)	CHARACTER	2		40-41
4674	(1242)	BITSTRING	3		42-44
4677	(1245)	CHARACTER	1		45
4678	(1246)	BITSTRING	1		46
4679	(1247)	CHARACTER	1		47
4680	(1248)	BITSTRING	4		48-4B
4684	(124C)	CHARACTER	2		4C-4D
4686	(124E)	BITSTRING	10		4E-57
4696	(1258)	CHARACTER	1		58
4697	(1259)	BITSTRING	3		59-5B
4700	(125C)	CHARACTER	1		5C
4701	(125D)	BITSTRING	3		5D-5F
4704	(1260)	CHARACTER	1		60
4705	(1261)	BITSTRING	23		61-77
4728	(1278)	CHARACTER	1		78
4729	(1279)	BITSTRING	4		79-7C
4733	(127D)	CHARACTER	1		7D
4734	(127E)	BITSTRING	34		7E-BF
4768	(12A0)	CHARACTER	1		A0
4769	(12A1)	BITSTRING	25		A1-B9
4794	(12BA)	CHARACTER	1		BA
4795	(12BB)	BITSTRING	6		BB-C0
4801	(12C1)	CHARACTER	1		C1
4802	(12C2)	BITSTRING	2		C2-C3
4804	(12C4)	CHARACTER	4		C4-C7
4808	(12C8)	BITSTRING	1		C8
4809	(12C9)	CHARACTER	1		C9
4810	(12CA)	BITSTRING	6		CA-CF
4816	(12D0)	CHARACTER	1		D0

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
4817	(12D1)	BITSTRING	1		D1
4818	(12D2)	CHARACTER	4		D2-D5
4822	(12D6)	BITSTRING	1		D6
4823	(12D7)	CHARACTER	3		D7-D9
4826	(12DA)	BITSTRING	9		DA-E2
4835	(12E3)	CHARACTER	1		E3
4836	(12E4)	BITSTRING	12		E4-EF
4848	(12F0)	CHARACTER	5		F0-F4
4853	(12F5)	BITSTRING	1		F5
4854	(12F6)	CHARACTER	2		F6-F7
4856	(12F8)	BITSTRING	1		F8
4857	(12F9)	CHARACTER	1		F9
4858	(12FA)	BITSTRING	6		FA-FF

Comment

TRANSLATE TABLE FOR HASHING A PASSWORD.

End of Comment

4864	(1300)	BITSTRING	1	ISDHASH (0)	
4864	(1300)	BITSTRING	91		00-5A
4955	(135B)	BITSTRING	1		X'5B'=$
4956	(135C)	BITSTRING	31		
4987	(137B)	BITSTRING	1		X'7B'=#
4988	(137C)	BITSTRING	1		X'7C'=@
4989	(137D)	BITSTRING	68		
5057	(13C1)	BITSTRING	9		A-I
5066	(13CA)	BITSTRING	7		
5073	(13D1)	BITSTRING	9		J-R
5082	(13DA)	BITSTRING	8		
5090	(13E2)	BITSTRING	8		S-Z
5098	(13EA)	BITSTRING	6		
5104	(13F0)	BITSTRING	10		0-9
5114	(13FA)	BITSTRING	6		

Comment

USER EXIT WORK AREA - ADDRESSED VIA LABEL ISBUXWA.

End of Comment

5120	(1400)	DBL WORD	8	ISUXWA (20)	USER EXIT AREA

Comment

SECURITY CHECK PARMLIST - ADDRESSED VIA LABEL
ISDSECA.

End of Comment

5280	(14A0)	BITSTRING	1	ISDSEC (0)	0258

Comment

JCT BUILD AREA - ADDRESSED VIA LABEL ISJCTBLD.

End of Comment

7272	(1C68)	BITSTRING	0	JCTBUILD (0)	JCT BUILD AREA

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
7272	(1C68)	BITSTRING	1	(0)	JCT BUILD AREA
7272	(1C68)	X'2070'	0	JCTEND	"*" END OF JCT BUILD AREA

Comment

DEADLINE BUILD WORK AREA.

End of Comment

8304	(2070)	SIGNED	4	DLBUILD (0)	DEADLINE BUILD AREA

Comment

NJE job Header and Trailer FDBs

End of Comment

8344	(2098)	BITSTRING	32	ISHDRFDB	FDB of nested NJE JH
8376	(20B8)	BITSTRING	1	ISTRLFDB	FDB of nested NJE JT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DJSUCLST	
0	(0)	SIGNED	4	DJSUCCHN	CHAIN TO NEXT TABLE
4	(4)	CHARACTER	8	DJSUCJOB	JOB NAME 0153
12	(C)	CHARACTER	8	DJSUCNET	NET ID 0153
12	(C)	X'10'	0	DJENTLEN	"L'DJSUCJOB+L'DJSUCNET"
20	(14)	CHARACTER	144		9 ADDITIONAL ENTRIES
164	(A4)	CHARACTER	4	DJSUCTRM	TERMINATOR 0153
164	(A4)	X'A8'	0	DJSUCEND	"*" END OF TABLE
164	(A4)	X'A8'	0	DJSUCLEN	"DJSUCEND-DJSUCLST" LENGTH OF TABLE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ISLMLIST	
0	(0)	BITSTRING	1	ISLMFLAG	Flag byte for entry
		1...		ISLMCFLG	"X'80'" Indicates CSECT required
1	(1)	BITSTRING	1	(3)	Reserved for development
4	(4)	ADDRESS	4	ISLMADDR	Module address
8	(8)	SIGNED	4	ISLMJDE	Address of JDE
12	(C)	CHARACTER	4	ISLMSUFX	Module name suffix
16	(10)	BITSTRING	1	ISLMLEN (0)	Length of entry

IATYISD Cross Reference

Name	Hex Offset	Hex Value
ASPXXCNT	716	4040
CARDCNT	5DC	
CJCTSE	58C	
CJCTSEST	5F0	0
CJDABSE	588	
DIGITS	208	0
DJENTLEN	C	10
DJSUCCHN	0	
DJSUCEND	A4	A8
DJSUCJOB	4	40404040
DJSUCLEN	A4	A8
DJSUCLST	0	
DJSUCNET	C	40404040
DJSUCTRM	A4	40404040
DLBUILD	2070	0
DL1PTR	544	
DL2PTR	548	
DSNPTR	634	0
DVJRETRY	584	
ERRCCHN	3DC	0
ERRCFDB	354	0
ERRORPTR	5BC	
FRPFDB	348	0
FRP1PTR	530	
FRP2PTR	534	
IABEND	74B	8
IATISDT	0	
IATISDT	0	
IBUFF	74C	8
ICURRFRP	578	
ICURRJDS	648	0
IDATASET	74A	20
IDCB	749	8
IDCBFRST	749	4
IDJCER3	74C	10
IDJCMSE	74B	1
IDJCPROC	74B	4
IENDPROC	749	20
IEOF	74B	20
IFDBEND	4B0	4D0
IFDBST	318	
IFLUSH	74B	2
IFMATAC	74D	40
IFMATER2	74A	8
IFMATPRT	74D	80
IFMTOT	74A	10
IFRPBFWR	749	1
IJBREAD2	74B	40
IJCLFDB	470	0
IJDFLUSH	51C	
IJDSCLOS	514	
IJDSFLAG	757	
IJDSGET	518	
IJDSNOTE	508	
IJDSOPEN	50C	
IJDSREAD	510	
IJESJCLF	56C	
IJFIRST	757	2
IJOBCONT	749	F0
IJOBDONE	749	50
IJOBSTUP	74A	4
IJOPEN	757	8
IJOURNAL	745	4
IJPRTY	74D	10
IJRNLYES	745	2
IJSAME	757	4
ILCOMMA	74E	2
ILPAREN	74C	80
ILPAREN2	74C	4
IMAINCNT	74A	10
IMAINNOT	74A	40
IMSGFDB	490	0
INETCNT	74A	10
INETPROC	74C	2
INEXTFRP	57C	
INITLOGC	74C	20
INMLEND	74B	80
IPROC	749	2
IPROC2	74C	40
IRDATOFF	5D8	0
IRDATON	5D0	0
IRDRPROC	74A	80
IRTIMOFF	5D4	0
IRTIMON	5CC	0
IRUCBTYP	724	0
ISACCCNT	8FC	0
ISACCTXT	8FD	0
ISACMAIN	7B5	40404040
ISACMN	745	20
ISACTPRO	8E4	80
ISADDSPR	746	10
ISANY	754	80
ISANYJES	754	4
ISAPOEFF	8E4	40
ISASCH	741	20
ISASPCNT	73F	8
ISASPREJ	73F	4
ISBADSPR	741	40
ISBFLG2	741	
ISBUXID	742	4040
ISBUXWA	5B4	
ISCDBUFF	7C3	40404040
ISCHGDSP	7C0	0
ISCIRSVD	753	40
ISCISE	74E	10
ISCOMENT	74A	1
ISCRAT	220	0
ISDABEND	764	0
ISDACTIA	8F8	
ISDACTS1	8F0	
ISDACTS2	8F4	
ISDATASJ	745	1
ISDBADPW	740	20
ISDCNDB	6B8	
ISDCOMFD	740	2
ISDCOMMA	630	0
ISDCONA	210	0
ISDCONW	604	
ISDCPAS	894	
ISDCPLN	893	
ISDCPWD	893	
ISDCTODL	A54	
ISDDATE	A44	0
ISDDELIM	748	1
ISDDNAM	C5A	40404040
ISDDNAME	779	40404040

IATYISD Cross Reference

Name	Hex Offset	Hex Value
ISDELIM	76C	615C
ISDFDBSV	4FC	0
ISDGROUP	79D	40404040
ISDHASH	1300	
ISDHSHAD	8AC	
ISDIN015	764	4
ISDIREPT	5B8	
ISDIRTRN	764	8
ISDISACT	766	40
ISDISJN	764	8
ISDISLG	764	F
ISDJCJOB	747	40
ISDJCLST	5C0	
ISDJNWAT	763	4
ISDJOBID	5F8	40404040
ISDJSCAN	740	4
ISDLBLD	5B0	
ISDLDAY	720	0
ISDLEAPY	74D	8
ISDLFDB	384	0
ISDLFDB1	398	0
ISDLID	392	C4D3C640
ISDLN	753	1
ISDLPOST	74D	4
ISDLSEQN	390	0
ISDLTIME	722	0
ISDLXERC	384	
ISDLYEAR	778	0
ISDNACCT	848	40404040
ISDNALOW	9DC	4
ISDNBLDG	860	40404040
ISDNDEPT	858	40404040
ISDNEWPL	8DB	
ISDNEWPT	8DC	
ISDNEWPW	8DB	
ISDNFLSH	9DC	10
ISDNJEFL	9DC	0
ISDNMLNG	626	0
ISDNODJC	740	80
ISDNPAS	89D	
ISDNPLN	89C	
ISDNPWD	89C	
ISDNROOM	868	40404040
ISDNSKCI	9DC	8
ISDNSKTK	9DC	2
ISDOLDPL	8D2	
ISDOLDPT	8D3	
ISDOLDPW	8D2	
ISDPAERM	763	2
ISDPNAME	834	40404040
ISDPOE	C3C	
ISDPRGSE	747	8
ISDPSTN	C4A	40404040
ISDPURGE	74F	20
ISDPWENC	74F	10
ISDRACG	78D	0
ISDRACU	785	0
ISDRACUV	740	40
ISDRECFL	74F	80
ISDRNODE	638	40404040
ISDROUTE	9DC	40
ISDRSDH1	396	0
ISDRSDH2	3CE	0
ISDRSVD	5F2	0
ISDRSVD1	3E8	
ISDRSVD2	404	
ISDRSVD3	777	0
ISDRSVD4	558	
ISDRSVD5	7C2	
ISDRSVD7	410	
ISDRSVD8	430	
ISDRSVS1	574	
ISDRSVS3	8C4	40404040
ISDRSVS5	8EC	40404040
ISDRSVU1	654	0
ISDRUSER	640	40404040
ISDSACCT	764	0
ISDSACD	9DF	40404040
ISDSAV1	A30	
ISDSAV2	A34	
ISDSAV3	A38	
ISDSEC	14A0	0
ISDSECA	5A8	
ISDSECLB	7A5	40404040
ISDSEL	752	80
ISDSFLG	625	0
ISDSNA	9DC	20
ISDSOSE	766	80
ISDSPR	625	80
ISDSROUT	764	4
ISDSST	625	40
ISDSTCK	A4C	
ISDSTEPN	C52	40404040
ISDSTFDB	600	0
ISDSTOKN	BEC	
ISDSUBNO	664	0
ISDSXCNT	764	C
ISDSXMIT	764	8
ISDTASET	753	2
ISDTBYPS	748	10
ISDTCLK	A3C	
ISDTCONT	748	4
ISDTHWSP	753	20
ISDTIMEL	A54	
ISDTIME1	A3C	0
ISDTIME2	A40	0
ISDTIME4	A48	0
ISDTRCUR	748	8
ISDTRGSV	994	
ISDTRP01	764	C
ISDTRT	A74	40404040
ISDTRTB	1000	
ISDTRTBL	1100	40404040
ISDTUX33	748	80
ISDTUX34	748	40
ISDTUX44	748	20
ISDUNHAD	8A8	
ISDUNHAS	1200	
ISDUPINT	746	2
ISDUSERF	870	0
ISDUSERI	795	40404040
ISDVINTD	820	40404040
ISDVINTE	832	834
ISDVINTL	820	820
ISDVINTM	813	
ISDVPROC	74B	10
ISDXCONT	764	40
ISDXDEST	764	80
ISDXDLM	9DD	
ISDXDLMA	764	20

Name	Hex Offset	Hex Value
ISDXDLM1	9DD	
ISDXDLM2	9DE	
ISDXMIT	9DC	80
ISDXMITS	74E	4
ISDXQUOT	764	8
ISDXREQH	764	10
ISDXSBCA	764	4
ISDXSBCS	8E6	0
ISD6109	74F	40
ISFAILOC	590	
ISFDBEND	570	570
ISFDBSTR	520	
ISFFRPB	752	40
ISFLAGS	744	
ISFLAGSU	750	
ISFLAGSZ	74F	C
ISFLAGX	8E4	0
ISFLAG1	749	0
ISFLAG10	753	0
ISFLAG11	74F	0
ISFLAG12	740	0
ISFLAG13	73F	0
ISFLAG2	74A	0
ISFLAG3	74B	0
ISFLAG4	74C	0
ISFLAG5	74D	0
ISFLAG6	74E	0
ISFLAG7	750	0
ISFLAG8	751	0
ISFLAG9	752	0
ISFLCNT	718	0
ISFLGBEG	749	
ISFLGEND	74F	750
ISFLGFRE	73F	80
ISFLGLEN	74E	6
ISFLGTRM	74E	74F
ISFLG13_X01	73F	1
ISFLG13_X02	73F	2
ISFLG620	74E	20
ISFORCT	747	2
ISFRSVS2	769	0
ISGLOBAL	754	40
ISHDRFDB	2098	0
ISHOLDJB	74F	2
ISHRSD1	732	
ISHRSS1	72A	
ISHRSU1	736	
ISINAPOS	763	1
ISINTBJN	5F4	0
ISINTRDR	745	10
ISIRCLAS	7C1	40
ISJBCLPT	5A4	
ISJBFAIL	756	
ISJCLBCT	726	0
ISJCLCT	71A	0
ISJCNOCL	73F	40
ISJCTBLD	5AC	
ISJDBPTR	554	
ISJESJCL	4B0	0
ISJLOGFL	8E5	0
ISJMSGBC	728	0
ISJMSGCT	71C	0
ISJNDLM	76A	
ISJNDLM1	76A	0
ISJNDLM2	76B	0

Name	Hex Offset	Hex Value
ISJNSBCS	992	0
ISJOBCLS	76E	40404040
ISJOBEM	746	1
ISJOBPTY	755	
ISJOBRST	753	4
ISJQEHLD	5A0	
ISJSTAFR	766	0
ISJSTAF1	765	0
ISKEYFND	8E4	20
ISLENERR	746	80
ISLENFLU	746	40
ISLMADDR	4	
ISLMCFLG	0	80
ISLMDCND	1C8	
ISLMEND	1F8	1F8
ISLMFLAG	0	
ISLMISDL	198	
ISLMISDS	148	
ISLMISEN	1A8	
ISLMISFR	158	
ISLMISJB	168	
ISLMISJL	128	
ISLMISJN	1E8	
ISLMISLG	138	
ISLMISMN	188	
ISLMISNJ	1D8	
ISLMISNT	1B8	
ISLMISPR	178	
ISLMJDE	8	
ISLMLEN	10	
ISLMLIST	0	
ISLMODLS	128	
ISLMRSVD	1F8	
ISLMSUFX	C	
ISLOCAL	754	20
ISLSTINT	762	1
ISMAINAM	5E0	
ISMAINSE	74E	80
ISMPSEQ	5F1	0
ISMPSEQS	74F	1
ISMSGBLD	B74	40404040
ISMSGCLS	752	10
ISMSGJB	73E	0
ISMSGL	668	
ISMSGLV0	747	10
ISMSS	747	80
ISMS6111	73F	10
ISMVSTSO	753	80
ISM6111F	73F	20
ISNETDON	74E	8
ISNJPINT	762	2
ISNOJOB	746	4
ISNOPROC	760	10
ISNOSPIN	8E5	20
ISNTIDSV	608	0
ISNUJTAT	747	4
ISNULPAS	740	1
ISNVLDSE	762	20
ISORGTSO	74A	2
ISOTSERV	752	20
ISOUTPUT	74E	40
ISPACONT	763	10
ISPAFLGS	740	1C
ISPARMCI	776	0
ISPARMID	7BD	4040

Name	Hex Offset	Hex Value
ISPARON	763	8
ISPART	747	20
ISPASADD	8C0	0
ISPASCAN	740	10
ISPASDUP	740	8
ISPASRET	8B0	
ISPASWDF	763	80
ISPDBPTR	55C	
ISPFDB	4F0	0
ISPNJMSG	450	0
ISPNOTE	618	0
ISPPTR	550	
ISPRMCNT	624	0
ISPRMLVL	768	0
ISPSWSAV	8B4	
ISPSWSVD	8B5	40404040
ISPSWSVL	8B4	0
ISPWCONT	74C	1
ISRESTRT	753	10
ISRFL240	745	40
ISRFL280	745	80
ISRQJBID	74F	8
ISRSVS1	71E	0
ISSADEL	745	8
ISSEQACT	74D	2
ISSPIN	8E5	80
ISSRHDSP	7BF	0
ISSTADDR	59C	
ISSTART	0	
ISSUPR	8E5	40
ISSYMTBL	753	8
ISSYSLOG	752	8
ISSYSOFF	746	8
ISSYSTEM	754	
ISTRCFL	765	
ISTRLFDB	20B8	0
ISTSOSUB	74F	4
ISTUSID	7AD	40404040
ISTYPE	74E	1
ISUA	781	40404040
ISUPDSER	748	2
ISUSERID	850	40404040
ISUXWA	1400	0
ISUX17L	2C0	0
ISUX28FL	752	4
ISUX29FL	752	2
ISYSTEM	74D	20
ISYSTEMS	74D	1
IS28FLSH	752	1
IS6126ER	8E8	0
IS6126RC	8EA	0
ITRKGRPS	747	1
JCFLG620	763	20
JCFLG640	763	40
JCLCURR	564	
JCLENDCM	744	1
JCLFLAG1	744	0
JCLFLAG2	745	0
JCLFLAG3	746	0
JCLFLAG4	747	0
JCLFLAG5	748	0
JCLFLAG6	763	0
JCLF3R20	746	20
JCTBUILD	1C68	
JCTEND	1C68	2070

Name	Hex Offset	Hex Value
JDABADDR	318	0
JDABPTR	520	
JDDASK	744	2
JDDATA	744	4
JDELIM	744	80
JDSADDR	33C	0
JDSCURR	594	
JDSPTR	52C	
JENDCONT	744	20
JMODEC	744	40
JMRADDR	324	0
JMRPTR	524	
JNULL	744	10
JSOUTCNT	744	8
JSTADDR	360	0
JSTPADDR	36C	0
JSTPTR	538	
LOCADDR	580	
LOCSAVE	5E8	0
MSGCURR	568	
NFRPFDB	3D0	0
NJEJHFDB	628	
NJEJTFDB	62C	
NJPFORM	762	80
NORISE	762	40
OSEADDR	330	0
OSEPTR	528	
PCDATCD	598	
PCDPTR	54C	
PCDTADDR	3A4	0
PNAME	610	0
PWKPTR	53C	
RDRDSP	761	0
RODEST	762	8
ROFROM	762	4
ROUTEFLG	762	0
SCHBUFDB	378	0
SCHPTR	540	
SDCKPTJD	760	1
SDFLG	760	
SDINFDB	4D0	0
SDINPTR	560	
SDJDNJFL	888	0
SDJDNJF2	889	0
SDJDORGQ	88A	0
SDJDORG2	880	40404040
SDJDXEQU	88B	40404040
SDJOBNUM	874	0
SDJOBORG	758	40404040
SDNOTOPN	760	20
SDORGBSC	760	40
SDRESTRT	760	80
SDUSERID	878	40404040
TATBLD2	3CC	0
TATBUILD	3B0	0
TATPTR	570	
TIMEON	5C4	
TIMOFF	5C8	0
XMITFLAG	764	

IATYISET Heading Information

Common Name: Intermediate SETUNIT table entry
Macro ID: IATYISET
DSECT Name: ISETSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0
Size: ISETSIZE
Created by: IATINCF
Pointed to by: INTSETID entry in IATYINT
Serialization: NONE
Function: This data area contains intermediate text for a SETUNIT (XUNIT parameter on the DEVICE initialization statement).

IATYISET Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	ISETSTRT	
0	(0)	CHARACTER	8	ISETMAIN	Main processor name
8	(8)	BITSTRING	1	ISETDTYP	Device type code
9	(9)	CHARACTER	4	ISETUADR	Device number in EBCDIC
13	(D)	BITSTRING	1	ISETRSVD	Reserved for development
14	(E)	SIGNED	2	ISETSNDX	SYSUNITS index
16	(10)	CHARACTER	3	ISETROUT	Console destination
19	(13)	BITSTRING	1	ISETFLG	Flags
20	(14)	BITSTRING	1	ISETSW	Internal switch
		1...		ISETNEW	"X'80'" Device is newly defined
		.1..		ISETDA	"X'40'" Device is DASD
		..1.		ISETTA	"X'20'" Device is reel tape
		...1		ISETGR	"X'10'" Device is graphic
		.... 1...		ISETUR	"X'08'" Device is unit record
		.... .1..		ISETCA	"X'04'" Device is cartridge tape
		.... ..1.		ISETPR	"X'02'" Device is permanently resident (if off, device is removable)
		1		ISETOFF	"X'01'" Device offline on this main
20	(14)	X'15'	0	ISETSPSZ	"*-ISETSTRT" Size of the portion of the SETUNITs spool record that is copied to CSA by IATINMD
21	(15)	CHARACTER	8	ISETXTYP	XTYPE name
29	(1D)	BITSTRING	1	ISETEND (0)	End of entry
29	(1D)	BITSTRING	1	ISETSIZE (0)	Size of entry

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IATYISET Cross Reference

Name	Hex Offset	Hex Value
ISETCA	14	4
ISETDA	14	40
ISETDTYP	8	
ISETEND	1D	
ISETFLG	13	
ISETGR	14	10
ISETMAIN	0	
ISETNEW	14	80
ISETOFF	14	1
ISETPR	14	2
ISETROUT	10	
ISETRSVD	D	
ISETSIZE	1D	
ISETSNDX	E	
ISETSPSZ	14	15
ISETSTRT	0	
ISETSW	14	
ISETTA	14	20
ISETUADR	9	
ISETUR	14	8
ISETXTYP	15	

IATYISPR Heading Information

Common Name: Intermediate SETPARAM table entry
Macro ID: IATYISPR
DSECT Name: ISPRSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0
Size: ISPRSIZE
Created by: IATINCF
Pointed to by: INTSPRID entry in IATYINT
Serialization: NONE
Function: This data area contains intermediate text for a SETPARAM statement.

IATYISPR Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ISPRSTRT	
0	(0)	BITSTRING	17	ISPRMDRC	Route code mask for MDSLOG
17	(11)	BITSTRING	17	ISPRNSRC	Route code mask for non- non-scratch TAFETCH
34	(22)	BITSTRING	17	ISPRSCRC	Route code mask for scratch TAFETCH
51	(33)	BITSTRING	17	ISPRDARC	Route code mask for DAFETCH
68	(44)	CHARACTER	1	ISPRALOC	Setup ALLOCATE option
69	(45)	CHARACTER	1	ISPRFECH	Setup FETCH option
70	(46)	BITSTRING	1	ISPRDSIZ	DSN size for MDS messages
71	(47)	BITSTRING	1	ISPRMTIM	Operator remount limit

Comment

```
-------------------------------------------------------------
      Definition of ISPRFLAG
-------------------------------------------------------------
```

End of Comment

72	(48)	BITSTRING	1	ISPRFLAG	SETPARAM flag byte
		1...		ISPRSORT	"X'80'" SETUNITS in device number order (ADDRSORT=YES)
		.1..		ISPRDFCT	"X'40'" DEFERCT=YES
73	(49)	BITSTRING	3	ISPRRSV1	Reserved for development
76	(4C)	SIGNED	4	ISPRRSV2	Reserved for development
80	(50)	SIGNED	2	ISPRMXIO	Maximum number of allowed concurrent asynchronous I/O requests
82	(52)	SIGNED	2	ISPRCRIO	Current number of allowed concurrent asynchronous I/O requests
84	(54)	CHARACTER	3	ISPRRSV3	Reserved for development

Comment

```
-------------------------------------------------------------
      Definition of MJESMSG.
-------------------------------------------------------------
```

End of Comment

87	(57)	BITSTRING	1	ISPRJMSG	PRJESMSG/MTJESMSG option
		1...		ISPRPRFE	"X'80'" Fetch messages for permres or reserved volumes should be written to JESMSGLG
		.1..		ISPRPRAL	"X'40'" Allocation messages for permres or reserved volumes volumes should be written to JESMSGLG

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IATYISPR Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..1.		ISPRMTFE	"X'20'" Fetch messages for mountable volumes should be written to JESMSGLG
		...1		ISPRMTJA	"X'10'" Allocation messages for mountable volumes should be written to JESMSGLG
		.... 1...		ISPRMTBK	"X'08'" Breakdown messages for mountable volumes should be written to JESMSGLG
88	(58)	SIGNED	2	ISPREND (0)	End of table
88	(58)	BITSTRING	1	ISPRSIZE (0)	

IATYISPR Cross Reference

Name	Hex Offset	Hex Value
ISPRALOC	44	
ISPRCRIO	52	
ISPRDARC	33	0
ISPRDFCT	48	40
ISPRDSIZ	46	
ISPREND	58	
ISPRFECH	45	
ISPRFLAG	48	
ISPRJMSG	57	
ISPRMDRC	0	0
ISPRMTBK	57	8
ISPRMTFE	57	20
ISPRMTIM	47	
ISPRMTJA	57	10
ISPRMXIO	50	
ISPRNSRC	11	0
ISPRPRAL	57	40
ISPRPRFE	57	80
ISPRRSV1	49	
ISPRRSV2	4C	
ISPRRSV3	54	
ISPRSCRC	22	0
ISPRSIZE	58	
ISPRSORT	48	80
ISPRSTRT	0	

IATYISR Heading Information

Common Name: IOSB/SRB PAIR
Macro ID: IATYISR
DSECT Name: IOSB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ISR
Offset: 0
Length: 4
Storage Attributes: Subpool: 245
Key: 0
Residency: Any
Size: 224 Bytes
Created by: IATINIO
Pointed to by: IOPFRISR,IOPLOISR,IOPHIISR in IATYIOP,
ISRNXISR in IATYISR,
SRBPARM of IHASRB
Serialization: NONE
Function: IOSB/SRB pairs used for SPOOL I/O

IATYISR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SRBSECT	
0	(0)	ADDRESS	4	SRB (0)	
0	(0)	CHARACTER	4	SRBID	EBCDIC ACRONYM FOR SRB OR SSRB.
4	(4)	ADDRESS	4	SRBFLNK	FORWARD CHAIN FIELD
8	(8)	ADDRESS	4	SRBASCB (0)	PTR TO ASCB OF ADDRESS SPACE SRB IS TO BE DISPATCHED TO
8	(8)	BITSTRING	1		RESERVED. DO NOT USE.
9	(9)	ADDRESS	3	SRBASC24	24-bit ASCB address
12	(C)	CHARACTER	8	SRBFLC (0)	SRB AREA MOVED TO LOW CORE
12	(C)	BITSTRING	2	SRBCPAFF	CPU AFFINITY MASK
14	(E)	SIGNED	2	SRBPASID	PURGEDQ ASID IDENTIFIER
16	(10)	ADDRESS	4	SRBPTCB	PURGEDQ TCB IDENTIFIER
20	(14)	ADDRESS	4	SRBEP (0)	ENTRY POINT OF ROUTINE
20	(14)	ADDRESS	4	SRBEPA	ADDRESS OF ENTRY POINT (31-BIT USERS)
		1...		SRBMODE	"X'80'" ADDRESSING MODE INDICATOR
24	(18)	ADDRESS	4	SRBRMTR (0)	ADDRESS OF RESOURCE MANAGER ROUTINE
24	(18)	ADDRESS	4	SRBRMTRA	ADDRESS OF RESOURCE MANAGER ROUTINE (31-BIT USERS)
		1...		SRBRMODE	"X'80'" ADDRESSING MODE INDICATOR
28	(1C)	ADDRESS	4	SRBPARM	USER PARAMETER
32	(20)	ADDRESS	4	SRBWEB (0)	Address of this SRB's WEB. SERIALIZATION: None OWNERSHIP: Supervisor Control
32	(20)	ADDRESS	4	SRBSAVE	Reserved. Must be Zero. SERIALIZATION: None OWNERSHIP: Supervisor Control
36	(24)	BITSTRING	1	SRBPKF	PROTECT KEY INDICATION
37	(25)	BITSTRING	1	SRBPRIOR (0)	PRIORITY LEVEL INDIC
37	(25)	BITSTRING	1	SRBFLGS	SRB OPTION FLAGS
		1...		SRBLLREQ	"X'80'" LOCAL LOCK REQUIRED
		.1..		SRBLLHLD	"X'40'" LOCAL LOCK HELD
		..1.		SRBFRREQ	"X'20'" FRR REQUESTED

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		...1		SRBFRRCL	"X'10'" THIS BIT IS OBSOLETE SINCE FRR PARM AREA ALWAYS CLEARED BY DISPATCHER. RETAINED FOR COMPATIBILITY.
		.... 1...		SRBSUSP	"X'08'" SUSPENDED SRB ONLY ON FOR SSRB
		.... .1..		SRBPNONQ	"X'04'" NON QUIESCABLE SRB
		....		SRBPSYS	"X'00'" SYSTEM PRIORITY LEVEL
38	(26)	BITSTRING	1	SRBHLHI	INDICATION OF SUSPEND LOCKS HELD AT SRB SUSPENSION
39	(27)	BITSTRING	1	SRBFLGS1	SRB TYPE FLAGS.
		1...		SRBMAIN	"X'80'" SRB/SSRB MUST BE FREEMAINED.
		.1..		SRBSP245	"X'40'" SRB/SSRB FROM SUBPOOL 245.
		..1.		SRBBLK24	"X'20'" SRB BELOW THE LINE
		...1		SRBXESF	"X'10'" Mode=primary FRR - only meaningful if SRBFRREQ is set.
		.... 1...		SRB1STS	"X'08'" This SSRB represents the initial schedule of a workunit and has never been dispatched.
		.... .1..		SRBPMCS	"X'04'" This SRB is in process-must complete mode
		.... ..1.		SRBMSCHD	"X'02'" This SRB was schduled via the IEAMSCHD macro
		1		SRBTOKNP	"X'01'" This SSRB belongs to the pool created for SUSPEND with SPTOKEN.
40	(28)	ADDRESS	4	SRBFRRA	FRR ROUTINE ADDRESS
44	(2C)	SIGNED	4	SRBEND (0)	END OF SRB
44	(2C)	X'2C'	0	SRBSIZE	"SRBEND-SRBSECT" SIZE OF SRB

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IOSB	
0	(0)	SIGNED	4	(0)	
0	(0)	CHARACTER	108	IOSBSTD (0)	Length of the IOSB without the extension

Comment

----------IOSFLA bit definitions----------

End of Comment

0	(0)	BITSTRING	1	IOSFLA	Flag byte A

Comment

EQU X'00' ..No CCW chaining

End of Comment

		1...		IOSDCHN	"X'80'" ..Data chaining
		.1..		IOSCCHN	"X'40'" ..Command chaining
		11..		IOSACHN	"X'C0'" ..Command and data chaining
		..1.		IOSERR	"X'20'" ..Error Recovery Routine (ERP) in control. Bit must be set to 0 by the driver. If the ERP returns with this bit set to 1, a retry is requested. If the ERP returns with this bit set to 0, the error is either corrected or to be considered permanent depending on the setting of the IOSEX bit.
		...1		IOSSMDA	"X'10'" ..ERP status modifier bit A. Must be set to zero by driver. TAPE- Reposition device. U/R- Immediate operation, CCW OP code in IOSMDB.
		.... 1...		IOSSMDB	"X'08'" ..ERP status modifier bit B. Must be set to zero by driver. Set by PCI fetch in appendage for posting: TAPE- CRC needed. DASD- PCI fetch stop flag.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		IOSEX	"X'04'" ..Exceptional condition. Upon return from normal or abnormal exit with this bit on, ERP processing is initiated if initial error condition. If bit is set to 0, it is assumed that the exit corrected the condition or did not consider it an error. When the error routine returns with this bit set to a 1 and the IOSERR set to a 0, the error is considered permanent. When the ERP returns with both bits set to 0, the error has been corrected.
		.... ..1.		IOSDOM	"X'02'" ..DOM macro required
		1		IOSIOSB	"X'01'" ..IOSB created by IOS. Must be set to zero by driver.

Comment

IOSFLB bit definitions - For Start Subchannel requests.

See redefinition area for modify subchannel requests.

End of Comment

1	(1)	BITSTRING	1	IOSFLB	Flag byte B----------
		1...		IOSDIESE	"X'80'" ..Second entry to DIE
		.1..		IOSSDR	"X'40'" ..ERP doesnt want OBR
		..1.		IOSNOTRS	"X'20'" ..Driver does not require an address space switch on entry to DIE.
		...1		IOSRESRC	"X'10'" ..IOS resources are held. Must be initialized to zero by driver. With bit set, the DIE cannot return on codes 12 and 16.
		.... 1...		IOSIONRD	"X'08'" ..Set by a driver to request that the I/O request be issued to a not-ready device.
		.... .1..		IOSMSG	"X'04'" ..Message indicator to WTO service 0 = Intervention required msg 1 = I/O error message
		.... ..1.		IOSBDCST	"X'02'" ..Broadcast bit
		1		IOSLOG	"X'01'" ..Create an OBR record.
2	(2)	BITSTRING	1	IOSFLC	Flag byte C ----------
		1...		IOSGDPLP	"X'80'" ..With IOSGDP bit set, limit IOSGPMSK field to logically available paths (UCBLPM field).
		.1..		IOSEIDAW	"X'40'" ..Extended 4K 8-byte IDAWs
		.1..		IOSVERIF	"X'40'" ..Unsolicited device end verification needed for non-DASD devices
		..1.		IOSCC3WE	"X'20'" ..Set by a driver to request deferred condition code 3 posting (post code of X'6D')
		...1		IOSEXP	"X'10'" ..Specific exposure requested. The IOSUCB field contains the specific exposure UCB address.
		.... 1...		IOSNORWS	"X'08'" ..No Read/Write Synchronization: Set on by I/O driver to indicate that the channel should not synchronize on read/write transitions when prefetching (IOSP) is also set. The driver insures that the read and writes are from different I/O buffers
		.... .1..		IOS2CSWS	"X'04'" ..Two Channel Status Words: Set on by the I/O driver to indicate that when CCW prefetching is requested (IOSP), if an error occurs where the control unit executes ahead of the channel, two ending CCW addresses should be presented to the driver. The second ending CCW address is contained in the IEDB. If this bit is off, an invalid ending CCW address is simulated by IOS
		.... ..1.		IOSNORTY	"X'02'" ..No retry allowed.
		.... ..1.		IOSCTCNR	"X'02'" ..CTC - No retry allowed
		1		IOSGDP	"X'01'" ..A guaranteed device path has been requested. IOSGPMSK contains the path(s) involved.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
IOSPROC - This byte indicates what type of special processing that is to be performed for IOS generated IOSBs. This processing normally runs asynchronous to IOS mainline processing. This field must be set to zero by drivers.					
				End of Comment	
3	(3)	BITSTRING	1	IOSPROC	IOS special processing procedures
				Comment	
EQU X'00' ..Reserved					
				End of Comment	
		.... .1..		IOSAPCI	"X'04'" ..Intermediate status
		.... 1...		IOSATTN	"X'08'" ..Attention
		.... 11..		IOSAPURG	"X'0C'" ..Purge
				Comment	
EQU X'10' ..Reserved					
				End of Comment	
		...1 .1..		IOSAWTO	"X'14'" ..WTO
		...1 1...		IOSADDR	"X'18'" ..DDR
		...1 11..		IOSADIER	"X'1C'" ..DIE Redrive- different UCB
		..1.		IOSAUR	"X'20'" ..Unconditional Reserve
		1111 1..1		IOSAST1	"X'F9'" ..IOS subchannel type 1 request
		1111 1.1.		IOSASNRQ	"X'FA'" ..IOS sense request
		1111 11..		IOSACLR	"X'FC'" ..CLEAR Subchannel request
		1111 11.1		IOSAHALT	"X'FD'" ..HALT Subchannel request
		1111 111.		IOSAMOD	"X'FE'" ..MODIFY Subchannel request
		1111 1111		IOSASTOR	"X'FF'" ..STORE Subchannel request
				Comment	
IOSDVRID - This byte indentifies the I/O driver requesting the I/O request. Driver identification values are assigned by IOS.					
				End of Comment	
4	(4)	BITSTRING	1	IOSDVRID	Driver identification value
		....		IOSIOSID	"X'00'" ..Reserved for IOS
		1		IOSMISID	"X'01'" ..Miscellaneous ID for I/O requests that cannot be purged, associated with a task, or violate extents
		.... ..1.		IOSXCPID	"X'02'" ..EXCP Processor
		11		IOSVSAID	"X'03'" ..VSAM
		.... .1..		IOSATMID	"X'04'" ..VTAM
		.... .1.1		IOSTCMID	"X'05'" ..TCAM
		.... .11.		IOSOLTID	"X'06'" ..OLTEP
		.... .111		IOSFCHID	"X'07'" ..PCI FETCH
		.... 1...		IOSJESID	"X'08'" ..JES3
		.... 1..1		IOSSS1ID	"X'09'" ..MSC
		.... 1.1.		IOSPRGID	"X'0A'" ..IECVIOPM PURGE
		.... 1.11		IOSVPSID	"X'0B'" ..VPSS
				Comment	
EQU X'0C' ..CRYPTO					
				End of Comment	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... 111.		IOSASMID	"X'0E'" ..ASM
		 1111		IOSMDSID	"X'0F'" ..Message Display Service
		...1		IOSAUSID	"X'10'" ..Assign/Unassign Service
		...1 ...1		IOSDYPID	"X'11'" ..Dynamic Pathing
		...1 ..1.		IOSDAVV	"X'12'" ..DAVV
		...1 ..11		IOSDCSID	"X'13'" ..Device control service
		...1 .1..		IOSAOMID	"X'14'" ..Asychronous Operation Manager
		...1 .1.1		IOSSMSID	"X'15'" ..DFSMS
		...1 .11.		IOSXCFID	"X'16'" ..XCF CTC I/O Driver
		...1 .111		IOSCDRID	"X'17'" ..IOS use driver ID
		...1 1...		IOSSLFID	"X'18'" ..IOSVSLFD driver ID
		...1 1..1		IOSPAVID	"X'19'" ..IOSVIOPA driver ID
		1...		IOSV33ID	"X'80'" ..SVC33
		1... ...1		IOSCLRID	"X'81'" ..Clear Device Recovery
		1... ..1.		IOSSCRID	"X'82'" ..Subchannel Recovery
		1... ..11		IOSV16ID	"X'83'" ..SVC16 PURGE
		1... .1..		IOSAPRID	"X'84'" ..Unconditional Reserve
		1... .1.1		IOSMIHID	"X'85'" ..Missing Interrupt Handler
		1... .11.		IOSPRVID	"X'86'" ..I/O Prevention Handler
		1... .111		IOSRSVID	"X'87'" ..Re-reserve service

Comment

End of Comment

5	(5)	BITSTRING	1	IOSFLD	Flag byte D
		1...		IOSNOINT	"X'80'" ..Set by a driver to request that the I/O request be issued to a device with an intercept condition. The intercept condition is to be saved for the next I/O request.
		.1..		IOSMNORQ	"X'40'" ..IOS is not to requeue this IOSB if Start Pending condition is detected (MIH, etc).
		..1.		IOSEPCIF	"X'20'" ..Early PCI exit call Flag. Set by the I/O driver to get called from the SLIH, instead of from post status for good intermediate status.
		...1		IOSCCWDS	"X'10'" ..Channel program resides in a data space. Set by the I/O driver
		.... 1...		IOSEPCIS	"X'08'" ..Early PCI exit Space switch flag. Set by the I/O driver to indicate that IOSVSLIH should CMSET to the driver's address space prior to invoking the PCI exit.
		.... .1..		IOSLIOPF	"X'04'" ..Long I/O Post flag set by the I/O driver to indicate that the driver should be posted back if the I/O request will take a long time to complete due to an MIH condition, manual intervention, etc..
		.... ..1.		IOSNOLL	"X'02'" Set by the driver to indicate that post status must not get the local lock in order to use the local lock save area, as deadlock could occur. IOSPSLL must also be set on by the driver.
		1		IOSBEXTF	"X'01'" ..IOSB extension valid

Comment

End of Comment

6	(6)	SIGNED	2	IOSASID	Address space identification of address space to be scheduled at termination of I/O request.

Comment

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
8	(8)	ADDRESS	4	IOSPGAD	I/O driver termination address. High order bit defines the addressing mode. For attention processing, the attention address.

Comment

End of Comment

12	(C)	BITSTRING	1	IOSPKEY	Protect key of IOSPGAD

Comment

EQU X'F0' Protect key field

End of Comment

		.... 1...		IOSLCL	"X'08'" ASID schedule at local level
		.... .1..		IOSIDR	"X'04'" Asynchronous ERP scheduling should be used for this I/O request (Indirect recording for paging I/O requests).
		.... ..1.		IOSPGDPX	"X'02'" This request has a backed up copy (duplexed page).
		1		IOSCHCMP	"X'01'" Driver has a complete channel program, IOS must not build a standard prefix.

Comment

End of Comment

13	(D)	BITSTRING	1	IOSCOD	I/O completion code field

Comment

Completion codes 41 - 5F are reserved for permanent error conditions. These codes will always be the last entry codes to the abnormal end exits.

Completion codes 60 - 73 are reserved for IOS definition use. These codes indicate conditions that IOS has detected in processing the I/O request.

Completion codes 74 - 7E denote abnormal conditions for which correction may be possible. These codes denote first entry to abnormal end exits.

Completion codes 7F denotes normal I/O completion. It does not indicate that the I/O request completed successfully.

Completion code 49 applies only to Store and Modify Subchannel requests.

End of Comment

		.1.. ...1		IOSERRC	"X'41'" Permanent I/O error
		.1.. ..1.		IOSEXTC	"X'42'" DASD extent error
		.1.. ..11		IOSDPXC	"X'43'" Duplexed I/O request was not started because of the UCB level or a not ready device.
		.1.. .1..		IOSINTC	"X'44'" Request was intercepted because an error occurred after the last time the device was used and the requestors error recovery procedures wants this intercept condition treated as a permanent error.
		.1.. .1.1		IOSABNC	"X'45'" I/O request abnormally terminated because of program check, machine check, etc in IOS or an exit.
		.1.. .11.		IOSCD46	"X'46'" Reserved

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.1.. .111		IOSEXTRM	"X'47'" I/O request not started - driver Start Subchannel exit (See IOSXSSXA field) requested termination prior to the SSCH being issued.
		.1.. 1...		IOSPRGC	"X'48'" I/O request purged.
		.1.. 1..1		IOSCNCLD	"X'49'" Store or Modify Subchannel request has been cancelled.
		.1.. 1.1.		IOSPVTIO	"X'4A'" I/O Prevention - either the I/O request has not been started or the I/O request has been terminated.
		.1.. 1.11		IOSTAPEC	"X'4B'" Error in tape repositioning
		.1.. 11..		IOSIVEXP	"X'4C'" Invalid exposure number
		.1.. 11.1		IOSGDPCC	"X'4D'" CC=3 - GDP or NIP in control, or with IOSGDPLP set, no logically available paths (UCBLPM).
		.1.. 111.		IOSGDPRD	"X'4E'" GDP - Reserved device or in conjunction with IOSRELSE, device cannot be released.
		.1.1		IOSCD50	"X'50'" Reserved
		.1.1 ...1		IOSMIHCA	"X'51'" The I/O request has been declared in permanent error.
		.1.1 ..1.		IOSMIHSP	"X'52'" The I/O request was found pending in the subchannel by IOS, and the driver requested that the IOSB not be requeued(MIH,etc)
		.1.1 ..11		IOSIOTCR	"X'53'" IOS cancelled the I/O request due to an I/O timeout condition
		.1.1 .1..		IOSCAPAS	"X'54'" The I/O request could not be started. The current address space did not match IOSASID and a Captured UCB address was used in IOSUCB.
		.11. 11.1		IOSGDPWE	"X'6D'" CC=3 on all paths with IOSCC3WE bit set- return request to requestor.
		.111 ...1		IOSFTCHC	"X'71'" For Fetch driver- hardware corrected data check.
		.111 .1..		IOSMIHC	"X'74'" Simulated error status.
		.111 11.1		IOSXERPL	"X'7D'" I/O exit requested the ERP to log this request
		.111 111.		IOSFINTC	"X'7E'" Intercept condition before entrance to error routine.
		.111 1111		IOSNRMC	"X'7F'" Normal I/O completion.

Comment

IOSOPT and IOSOPT2 bit definitions - For Start Subchannel requests.
See redefinition area for modify and store subchannel requests.

End of Comment

14	(E)	BITSTRING	1	IOSOPT	Options byte
15	(F)	BITSTRING	1	IOSOPT2	Second option byte

Comment

-------IOSOPT--bit-definitions----------

End of Comment

		1...		IOSBYP	"X'80'" Bypass IOS channel program prefixing
		.1..		IOSDEP	"X'40'" Device end posting requested
		..1.		IOSQISCE	"X'20'" This request initiated by a function which has set the quiesce level in the UCB. (This bit should only be set when using the STARTIO macro compatibilty interface. All others should place the Quiesce level in the IOSLEVEL field.)
		...1		IOSPSLL	"X'10'" If 0, Local lock needed for IOS Post status processing. If 1, Local lock not needed.
		.... 1...		IOSNERP	"X'08'" If flag UCBLERP is off, ERPs are not to be used. If UCBLERP is on, ERPs will unconditionally get control. ERPs will only be allowed to perform recovery of non-error unit checks and any additional function as defined by intermediate ERP mask flags. When this flag is on, ERPs may not perform any recovery for error cases except as defined by the ERP mask flags.
		.... .1..		IOSTSLL	"X'04'" If 0, Local lock needed by the termination routine. (IOSPSLL bit must be off) If 1, Local lock not needed by the termination routine
		.... ..1.		IOSAPR	"X'02'" Alternate path retry active. Must be set to zero by driver.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1		IOSRELSE	"X'01'" Request for stand-alone RELEASE CCW to be issued.

Comment

IOSOPT2 - This byte reflects the I/O driver conditions for
initiating an I/O request to the subchannel. See
architecture for the meaning of these conditions.
This byte also reflects the interrupt status from the IRB.

End of Comment

		1...		IOSF	"X'80'" If 0, Format 0 CCW channel program. If 1, Format 1 CCW channel program.
		.1..		IOSP	"X'40'" If 0, the driver does not want 'Unlimited CCW Prefetch'. If 1, the driver wants 'Unlimited CCW Prefetch' active with the channel program.
		..1.		IOSI	"X'20'" If 0, The driver does not want 'Initial Status Interruption' generated. If 1, The driver wants 'Initial Status Interruption' generated.
		...1		IOSA	"X'10'" If 1, Address limit check required.
		.... 1...		IOSSI	"X'08'" If 1, Suppress Suspend Interrupt.
		.... .1..		IOSZ	"X'04'" If 1, Zero condition code to Initial selection.
		.... ..1.		IOSE	"X'02'" Extended control information stored with interrupt. (This bit is provided for information only, the stored data cannot be found from the IOSB.)
		1		IOSN	"X'01'" If 1, path not operational.
16	(10)	ADDRESS	4	IOSUCB	Unit Control Block (UCB) address, address to common segment.

Comment

IOSFCSW field - Subchannel Status Word field.

Format 0 CCW requests - Start Subchannel deferred condition code
is stored in IOSCC field and the 3 byte command address in
IOSCSWCA (compatable with System/370).

End of Comment

20	(14)	BITSTRING	8	IOSFCSW (0)	Eight byte Subchannel CSW
20	(14)	ADDRESS	4	IOSCCWAD	Format 1 CCW address
20	(14)	BITSTRING	1	IOSCC	Start Subchannel deferred CC
		..11		IOSCC3	"X'30'" Deferred condition code 3
		...1		IOSCC1	"X'10'" Deferred condition code 1
		....		IOSCC0	"X'00'" Deferred condition code 0
21	(15)	BITSTRING	7	IOSCSW	Low order 7 bytes of CSW
21	(15)	ADDRESS	3	IOSCSWCA	Format 0 CCW address
24	(18)	BITSTRING	2	IOSTATUS	CSW status bytes
24	(18)	BITSTRING	1	IOSTSA	Device status byte of SCSW
24	(18)	BITSTRING	1	IOSDSTAT	Device status
		1...		IOSDSATN	"X'80'" ..Attention
		.1..		IOSDSSM	"X'40'" ..Status Modifier
		..1.		IOSDSCUE	"X'20'" ..Control Unit End
		...1		IOSDSBSY	"X'10'" ..Busy
		.... 1...		IOSDSCE	"X'08'" ..Channel End
		.... .1..		IOSDSDE	"X'04'" ..Device End
		.... ..1.		IOSDSUC	"X'02'" ..Unit Check
		1		IOSDSUEX	"X'01'" ..Unit Exception
25	(19)	BITSTRING	1	IOSTSB	Subchannel status byte
25	(19)	BITSTRING	1	IOSSSTAT	Subchannel status
		1...		IOSSSPCI	"X'80'" ..Program-controlled interrupt
		.1..		IOSSSIL	"X'40'" ..Incorrect Length
		..1.		IOSSSPGC	"X'20'" ..Program Check
		...1		IOSSSPTC	"X'10'" ..Protection Check

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		IOSSSCDC	"X'08'" ..Channel Data Check
		.... .1..		IOSSSCCC	"X'04'" ..Channel Control Check
		.... ..1.		IOSSSICC	"X'02'" ..Interface Control Check
		1		IOSSSCC	"X'01'" ..Chaining Check
26	(1A)	BITSTRING	2	IOSCSWRC	Residual Count

Comment

End of Comment

28	(1C)	ADDRESS	4	IOSSRB	Back pointer to I/O requestors SRB
32	(20)	ADDRESS	4	IOSUSE	IOSB owner use field.
36	(24)	ADDRESS	4	IOSIOPID	The I/O prevention identifier (IOPID) that covers this I/O request.

Comment

End of Comment

40	(28)	BITSTRING	2	IOSAPMSK (0)	Compatibility label
40	(28)	BITSTRING	2	IOSSCHC (0)	Subchannel Control field which is presented in the subchannel status word(SCSW) of IRB.
40	(28)	BITSTRING	1	IOSSCHC0	Subchannel Control - Byte 0

Comment

EQU X'80' Reserved for architecture

End of Comment

		.111		IOSFC	"X'70'" Function Control field
		.1..		IOSFSSCH	"X'40'" - Start Subchannel
		..1.		IOSFHSCH	"X'20'" - Halt Subchannel
		...1		IOSFCSCH	"X'10'" - Clear Subchannel
		 1111		IOSAC	"X'0F'" Activity Control
		.... 1...		IOSARSCH	"X'08'" - Resume Pending
		.... .1..		IOSASSCH	"X'04'" - Start Pending
		.... ..1.		IOSAHSCH	"X'02'" - Halt Pending
		1		IOSACSCH	"X'01'" - Clear Pending
41	(29)	BITSTRING	1	IOSSCHC1	Subchannel Control - byte 1
		111.		IOSAC2	"X'E0'" Activity Control
		1...		IOSASUBA	"X'80'" - Subchannel active
		.1..		IOSADEVA	"X'40'" - Device active
		..1.		IOSSSPND	"X'20'" - Subchannel Suspended
		...1 1111		IOSSC	"X'1F'" Status Control
		...1		IOSSALRT	"X'10'" - Alert Status
		.... 1...		IOSSINTR	"X'08'" - Intermediate status
		.... .1..		IOSSPRIM	"X'04'" - Primary Status
		.... ..1.		IOSSSEC	"X'02'" - Secondary Status
		1		IOSSPNDG	"X'01'" - Status Pending. If 0, Simulated status.
42	(2A)	SIGNED	2	IOSSNS	Sense data - 1st 2 bytes
42	(2A)	BITSTRING	0	IOSSNSBD	"X'10FE'" Value supplied to indicate unsuccessful sense

Comment

End of common IOSB section - start of processing dependent sections

---

NML - Normal I/O request processing
WTO - attention processing
PCI - Intermediate status processing

End of Comment

42	(2A)	X'2C'	0	IOSSECT	"*"

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
44	(2C)	ADDRESS	4	IOSIPIB	NML- IPIB address (IOS/Purge) Initially set to zero by driver and not to be reset by exits. PCI- Intermediate status SRB/IOSB chain pointer.
48	(30)	ADDRESS	4	IOSPCHN	PCI- Ptr to ending status IOSB for Intermediate status SRB/IOSBS. NML- Ptr to 1st intermediate status SRB/IOSB for ending status IOSB.
48	(30)	ADDRESS	4	IOSSCHIB	For Modify and Store Subchannel requests, IOSPCHN contains the address of the SCHIB data associated with the request (Address provided by the caller).
52	(34)	ADDRESS	4	IOSERP	ERP - Error work area address (EWA). Must initially be set to zero by the driver.

Comment

Caller Exit addresses - High order bit defines addressing mode.

End of Comment

56	(38)	ADDRESS	4	IOSPCI	Intermediate status exit address or zero
60	(3C)	ADDRESS	4	IOSNRM	Normal end exit address (required)
64	(40)	ADDRESS	4	IOSABN	Anormal end exit address(required)
68	(44)	ADDRESS	4	IOSDIE	Disabled Interrupt Exit address or zero

Comment

Real channel program virtual and real addresses.

End of Comment

72	(48)	ADDRESS	4	IOSRST	Real address
76	(4C)	ADDRESS	4	IOSVST	Virtual address

Comment

End of Comment

80	(50)	ADDRESS	4	IOSDSID	Data set identifier(DSID)- purge
84	(54)	BITSTRING	1	IOSLEVEL	IOS serialization level
85	(55)	BITSTRING	1	IOSGPMSK	GDP- Guaranteed Device path mask with IOSGDP bit set. APR- Alternate path retry path mask with IOSAPR bit set.
86	(56)	BITSTRING	2	IOSDCTI	DCTI field from IRB- the I/O request device connect time.
88	(58)	BITSTRING	1	IOSFMSK	Mode set/File mask field.
89	(59)	BITSTRING	1	IOSCKEY	On STARTIO- Channel program protect key. On interrupt- 1st byte of the IRB.
		1111		IOSIRBKY	"X'F0'" . Protect key - bits 0-3
		.... 1...		IOSS	"X'08'" . Request has Suspend capability
		.... .1..		IOSIRBL	"X'04'" . ESW contains logout data
		11		IOSIRBCC	"X'03'" . SSCH Deferred condition code------
		11		IOSIRBC3	"X'03'" -Deferred condition code 3
		1		IOSIRBC1	"X'01'" -Deferred condition code 1
		....		IOSIRBC0	"X'00'" -Deferred condition code 0

Comment

End of Comment

90	(5A)	BITSTRING	1	IOSMDB	ERP immediate CCW op code
91	(5B)	BITSTRING	1	IOSMDM	ERP modifier mask

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

				End of Comment	
92	(5C)	CHARACTER	8	IOSEEK	Static seek address NOTE: CTC section starts at IOSEEK + 4.
				Comment	

				End of Comment	
100	(64)	CHARACTER	8	IOSEEKA	Dynamic seek address
100	(64)	BITSTRING	1	IOSSKM	M
101	(65)	BITSTRING	2	IOSSKBB	BB
103	(67)	BITSTRING	4	IOSCCHH (0)	CCHH
103	(67)	BITSTRING	2	IOSSKCC	CC
105	(69)	BITSTRING	2	IOSSKHH (0)	HH
105	(69)	BITSTRING	1	IOSSKH1	H
106	(6A)	BITSTRING	1	IOSSKH2	H
107	(6B)	BITSTRING	1	IOSSKR	R
107	(6B)	X'6C'	0	IOSEND	"*" End of IOSB w/o extension
				Comment	
				Channel to Channel (CTC) section	

				End of Comment	
96	(60)	DBL WORD	8	IOSCTCDW	Sense command byte CCW slot
101	(65)	BITSTRING	1	IOSCTCMD	CTC command byte from sense if format 0 CCW (IOSF=OFF)
104	(68)	BITSTRING	1	IOSCTCOP	CTC command byte from sense if format 1 CCW (IOSF=ON)
				Comment	
				Attention section - IOS generated IOSB when IOSPROC = X'08'	

				End of Comment	
44	(2C)	BITSTRING	40	IOSATTSN	Additional sense (after IOSNS)
44	(2C)	BITSTRING	30	IOSATSNS	Additional sense data
74	(4A)	BITSTRING	1	IOSATPMK	Attention path mask - path mask of path on which attention interrupt was received
75	(4B)	BITSTRING	1	IOSAFLGS	Attention Flags
		1...		IOSAINTR	"X'80'" Indicates that attention routine is requesting intercept processing
		.1..		IOSAINTE	"X'40'" Indicates an intercept has been generated for this attention interrupt
				Comment	
				EQU X'20' Unused	
				EQU X'10' Unused	
				EQU X'08' Unused	
				EQU X'04' Unused	
				EQU X'02' Unused	
				EQU X'01' Unused	
				End of Comment	
76	(4C)	SIGNED	1	IOSAATI	Index to the attention table
77	(4D)	BITSTRING	7		Reserved
84	(54)	BITSTRING	24	IOSATTWA (0)	Attention routine work area
84	(54)	BITSTRING	12	IOSXMSAV	CMSET savearea

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
96	(60)	BITSTRING	12		Reserved

Comment

Intermediate status section- IOS generated IOSB when IOSPROC= X'04'

End of Comment

44	(2C)	ADDRESS	4		IOSIPIB field- must not be changed
48	(30)	ADDRESS	4		IOSPCHN field- must not be changed
52	(34)	BITSTRING	32	IOSPCIRS	Intermediate status reserved area
84	(54)	BITSTRING	1	IOSPCIWA	Intermediate status work area

Comment

IOSB mapping fields for modify and store subchannel requests.

Fields IOSFLB, IOSOPT and IOSOPT2 are mapped, as follows.
IOSFLB field bit definitions -- Modify Subchannel requests only
---

End of Comment

1...	....	IOSMLPMO	"X'80'" If 1, old LPM is to be 'ORED' with new LPM. If 0, old LPM is to BE 'ANDED' with new LPM. This bit valid only if IOSMLPM is on.
.1..	....	IOSMPOMO	"X'40'" If 1, Old PSW is to be 'ORED' with new POM. If 0, Old POM is to be 'ANDED' with new POM. This bit valid only if IOSMPOM is on.
..1.	....	IOSMMMO	"X'20'" If 1, old measurement mode is to be 'ORED'with new new measurement mode. If 0, old measurement mode is to be 'ANDED' with new measurement mode. This bit valid only if IOSMMM is on.
...1	....	IOSASIS	"X'10'" If 1, IOSMLPMO and IOSMPOMO are ignored, and the old LPM and/or POM are to be replaced by the new LPM/POM.

Comment

IOSOPT and IOSOPT2 bit definitions

For Modify and Store Subchannel requests.
--------IOSOPT----------

End of Comment

1...	....	IOSSYN	"X'80'" If 1, indicates STORE or MODIFY subchannel request is to be done synchronously. If 0, indicates caller can handle asynchronous issuing of STORE or MODIFY Subchannel.
.1..	....	IOSNOPTH	"X'40'" If 1, indicates for path message request, a conditional no path condition.

Comment

EQU X'3F' Reserved- initialized to zero
--------IOSOPT2----------

End of Comment

1...	....	IOSMISC	"X'80'" If 1, interrupt subclass is to be modified by MSCH
.1..	....	IOSME	"X'40'" If 1, enabled indicator is to be modified by MSCH (IOS use only)
..1.	....	IOSMLM	"X'20'" If 1, limit mode is to be modified by MSCH
...1	....	IOSMMM	"X'10'" If 1, measurement mode is to be modified by MSCH
....	1...	IOSMLPM	"X'08'" If 1, logical path mask is to be modified by MSCH
....	.1..	IOSMMBI	"X'04'" If 1, measurement block index is to be modified by MSCH
....	..1.	IOSMPOM	"X'02'" If 1, path operational mask is to be modified by MSCH

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1		IOSMD	"X'01'" If 1, dynamic pathing indicator is to be modified by MSCH

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IOSB	BASE IOSB

Comment

JES3DM SECTION, ADDR FIELDS OFF IOSB IN IECDIOSB

End of Comment

108	(6C)	CHARACTER	4	ISRID	- BLOCK IDENTIFICATION
112	(70)	CHARACTER	1	ISRFLAG1	- FLAG BYTE

Comment

DEFINITION OF ISRFLAG1

End of Comment

		1...		ISRPERR	"X'80'" - CHAN PROG ENDED WITH ERROR
		.1..		ISRRETU	"X'40'" ISR RETURNED BY IATDMER
		..1.		ISRDIE	"X'20'" - PROCESSED BY DIE ROUTINE.
		...1		ISRJPOST	"X'10'" - JES ECB POST REQD
		.... 1...		ISRTERM	"X'08'" - PROCESSED BY TERM ROUTINE.
		.... .1..		ISRUERR	"X'04'" - COULD NOT IDENTIFY ERROR CP.
		.... ..1.		ISRSIO	"X'02'" SIO DONE
		1		ISRDIOUT	"X'01'" EXIT FROM DIE
113	(71)	BITSTRING	1	ISRSYMSK	- SIO SYSTEM MASK SAVE AREA.
114	(72)	BITSTRING	1	ISRFLAG2	FLAG BYTE 2

Comment

DEFINITION OF ISRFLAG2

End of Comment

		1...		ISRINCMP	"X'80'" I/O INCOMPLETE
		.1..		ISRDIEOB	"X'40'" ISR OBTAINED BY DIE
		..1.		ISRATPST	"X'20'" AUX-TASK POST REQUIRED
		...1		ISRERR	"X'10'" ERP HAS BEEN IN CONTROL
		.... 1...		ISRNRMSC	"X'08'" 2ND ENTRY TO NORMAL EXIT
		.... .1..		ISRDMITA	"X'04'" ENTRY TO DMITA (FOOTPRINT) 0443
		.... ..1.		ISRF2B02	"X'02'" RESERVED
		1		ISRF2B01	"X'01'" RESERVED
115	(73)	CHARACTER	1	ISRRSVDU	- RESERVED FOR USER
116	(74)	SIGNED	4	ISREXTEN	- ADDR OF EXTENT TABLE ENTRY
120	(78)	SIGNED	4	ISRCPEND	- ADDR+8 OF LAST CCW IN CHAIN
124	(7C)	SIGNED	4	ISRNXISR	- ISR LINK FIELD
128	(80)	SIGNED	4	ISRERDMC	- ADDR OF DMC HAVING AN I/O ERROR
132	(84)	SIGNED	4	ISRDMFRR	- ADDR OF JES3SDM FRR ROUTINE
136	(88)	SIGNED	4	ISRSAVE (9)	- SAVE AREA FOR START I/O SUBR
172	(AC)	SIGNED	4	ISRTVTAD	ADDRESS OF TVT FOR POST
176	(B0)	SIGNED	4	ISRNXDMC	DMCNXDMC SAVEAREA FOR DMITT

IATYISR Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
SRB SECTION, ADDR FIELDS OFF SRBSECT IN IHASRB					
End of Comment					
180	(B4)	CHARACTER	44	ISRSRB	- SPACE IN DSECT FOR SRB
224	(E0)	DBL WORD	8	ISRFEND (0)	- END OF IATYISR
224	(E0)	X'E0'	0	ISRFSIZE	"ISRFEND-IOSB" - SIZE OF IATYISR

IATYISR Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
IOSA	F	10	IOSCCHH	67	
IOSAATI	4C		IOSCCHN	0	40
IOSABN	40		IOSCCWAD	14	
IOSABNC	D	45	IOSCCWDS	5	10
IOSAC	28	F	IOSCC0	14	0
IOSACHN	0	C0	IOSCC1	14	10
IOSACLR	3	FC	IOSCC3	14	30
IOSACSCH	28	1	IOSCC3WE	2	20
IOSAC2	29	E0	IOSCDRID	4	17
IOSADDR	3	18	IOSCD46	D	46
IOSADEVA	29	40	IOSCD50	D	50
IOSADIER	3	1C	IOSCHCMP	C	1
IOSAFLGS	4B		IOSCKEY	59	
IOSAHALT	3	FD	IOSCLRID	4	81
IOSAHSCH	28	2	IOSCNCLD	D	49
IOSAINTE	4B	40	IOSCOD	D	
IOSAINTR	4B	80	IOSCSW	15	
IOSAMOD	3	FE	IOSCSWCA	15	
IOSAOMID	4	14	IOSCSWRC	1A	
IOSAPCI	3	4	IOSCTCDW	60	
IOSAPMSK	28		IOSCTCMD	65	
IOSAPR	F	2	IOSCTCNR	2	2
IOSAPRID	4	84	IOSCTCOP	68	
IOSAPURG	3	C	IOSDAVV	4	12
IOSARSCH	28	8	IOSDCHN	0	80
IOSASID	6		IOSDCSID	4	13
IOSASIS	54	10	IOSDCTI	56	
IOSASMID	4	E	IOSDEP	F	40
IOSASNRQ	3	FA	IOSDIE	44	
IOSASSCH	28	4	IOSDIESE	1	80
IOSASTOR	3	FF	IOSDOM	0	2
IOSAST1	3	F9	IOSDPXC	D	43
IOSASUBA	29	80	IOSDSATN	18	80
IOSATMID	4	4	IOSDSBSY	18	10
IOSATPMK	4A		IOSDSCE	18	8
IOSATSNS	2C		IOSDSCUE	18	20
IOSATTN	3	8	IOSDSDE	18	4
IOSATTSN	2C		IOSDSID	50	
IOSATTWA	54		IOSDSSM	18	40
IOSAUR	3	20	IOSDSTAT	18	
IOSAUSID	4	10	IOSDSUC	18	2
IOSAWTO	3	14	IOSDSUEX	18	1
IOSB	0		IOSDVRID	4	
IOSB	0		IOSDYPID	4	11
IOSBDCST	1	2	IOSE	F	2
IOSBEXTF	5	1	IOSEEK	5C	
IOSBSTD	0		IOSEEKA	64	
IOSBYP	F	80	IOSEIDAW	2	40
IOSCAPAS	D	54	IOSEND	6B	6C
IOSCC	14		IOSEPCIF	5	20

Name	Hex Offset	Hex Value
IOSEPCIS	5	8
IOSERP	34	
IOSERR	0	20
IOSERRC	D	41
IOSEX	0	4
IOSEXP	2	10
IOSEXTC	D	42
IOSEXTRM	D	47
IOSF	F	80
IOSFC	28	70
IOSFCHID	4	7
IOSFCSCH	28	10
IOSFCSW	14	
IOSFHSCH	28	20
IOSFINTC	D	7E
IOSFLA	0	
IOSFLB	1	
IOSFLC	2	
IOSFLD	5	
IOSFMSK	58	
IOSFSSCH	28	40
IOSFTCHC	D	71
IOSGDP	2	1
IOSGDPCC	D	4D
IOSGDPLP	2	80
IOSGDPRD	D	4E
IOSGDPWE	D	6D
IOSGPMSK	55	
IOSI	F	20
IOSIDR	C	4
IOSINTC	D	44
IOSIONRD	1	8
IOSIOPID	24	
IOSIOSB	0	1
IOSIOSID	4	0
IOSIOTCR	D	53
IOSIPIB	2C	
IOSIRBCC	59	3
IOSIRBC0	59	0
IOSIRBC1	59	1
IOSIRBC3	59	3
IOSIRBKY	59	F0
IOSIRBL	59	4
IOSIVEXP	D	4C
IOSJESID	4	8
IOSLCL	C	8
IOSLEVEL	54	
IOSLIOPF	5	4
IOSLOG	1	1
IOSMD	54	1
IOSMDB	5A	
IOSMDM	5B	
IOSMDSID	4	F
IOSME	54	40
IOSMIHC	D	74
IOSMIHCA	D	51
IOSMIHID	4	85
IOSMIHSP	D	52
IOSMISC	54	80
IOSMISID	4	1
IOSMLM	54	20
IOSMLPM	54	8
IOSMLPMO	54	80
IOSMMBI	54	4
IOSMMM	54	10
IOSMMMO	54	20
IOSMNORQ	5	40
IOSMPOM	54	2
IOSMPOMO	54	40
IOSMSG	1	4
IOSN	F	1
IOSNERP	F	8
IOSNOINT	5	80
IOSNOLL	5	2
IOSNOPTH	54	40
IOSNORTY	2	2
IOSNORWS	2	8
IOSNOTRS	1	20
IOSNRM	3C	
IOSNRMC	D	7F
IOSOLTID	4	6
IOSOPT	E	
IOSOPT2	F	
IOSP	F	40
IOSPAVID	4	19
IOSPCHN	30	
IOSPCI	38	
IOSPCIRS	34	
IOSPCIWA	54	
IOSPGAD	8	
IOSPGDPX	C	2
IOSPKEY	C	
IOSPRGC	D	48
IOSPRGID	4	A
IOSPROC	3	
IOSPRVID	4	86
IOSPSLL	F	10
IOSPVTIO	D	4A
IOSQISCE	F	20
IOSRELSE	F	1
IOSRESRC	1	10
IOSRST	48	
IOSRSVID	4	87
IOSS	59	8
IOSSALRT	29	10
IOSSC	29	1F
IOSSCHC	28	
IOSSCHC0	28	
IOSSCHC1	29	
IOSSCHIB	30	
IOSSCRID	4	82
IOSSDR	1	40
IOSSECT	2A	2C
IOSSI	F	8
IOSSINTR	29	8
IOSSKBB	65	
IOSSKCC	67	
IOSSKHH	69	
IOSSKH1	69	
IOSSKH2	6A	
IOSSKM	64	
IOSSKR	6B	
IOSSLFID	4	18
IOSSMDA	0	10
IOSSMDB	0	8
IOSSMSID	4	15
IOSSNS	2A	
IOSSNSBD	2A	10FE
IOSSPNDG	29	1
IOSSPRIM	29	4

IATYISR Cross Reference

Name	Hex Offset	Hex Value
IOSSRB	1C	
IOSSSCC	19	1
IOSSSCCC	19	4
IOSSSCDC	19	8
IOSSSEC	29	2
IOSSSICC	19	2
IOSSSIL	19	40
IOSSSPCI	19	80
IOSSSPGC	19	20
IOSSSPND	29	20
IOSSSPTC	19	10
IOSSSTAT	19	
IOSSS1ID	4	9
IOSSYN	54	80
IOSTAPEC	D	4B
IOSTATUS	18	
IOSTCMID	4	5
IOSTSA	18	
IOSTSB	19	
IOSTSLL	F	4
IOSUCB	10	
IOSUSE	20	
IOSVERIF	2	40
IOSVPSID	4	B
IOSVSAID	4	3
IOSVST	4C	
IOSV16ID	4	83
IOSV33ID	4	80
IOSXCFID	4	16
IOSXCPID	4	2
IOSXERPL	D	7D
IOSXMSAV	54	
IOSZ	F	4
IOS2CSWS	2	4
ISRATPST	72	20
ISRCPEND	78	
ISRDIE	70	20
ISRDIEOB	72	40
ISRDIOUT	70	1
ISRDMFRR	84	
ISRDMITA	72	4
ISRERDMC	80	
ISRERR	72	10
ISREXTEN	74	
ISRFEND	E0	
ISRFLAG1	70	
ISRFLAG2	72	0
ISRFSIZE	E0	E0
ISRF2B01	72	1
ISRF2B02	72	2
ISRID	6C	
ISRINCMP	72	80
ISRJPOST	70	10
ISRNRMSC	72	8
ISRNXDMC	B0	
ISRNXISR	7C	
ISRPERR	70	80
ISRRETU	70	40
ISRRSVDU	73	
ISRSAVE	88	
ISRSIO	70	2
ISRSRB	B4	
ISRSYMSK	71	
ISRTERM	70	8
ISRTVTAD	AC	
ISRUERR	70	4
SRB	0	
SRBASCB	8	
SRBASC24	9	
SRBBLK24	27	20
SRBCPAFF	C	
SRBEND	2C	
SRBEP	14	
SRBEPA	14	
SRBFLC	C	
SRBFLGS	25	
SRBFLGS1	27	
SRBFLNK	4	
SRBFRRA	28	
SRBFRRCL	25	10
SRBFRREQ	25	20
SRBHLHI	26	
SRBID	0	
SRBLLHLD	25	40
SRBLLREQ	25	80
SRBMAIN	27	80
SRBMODE	14	80
SRBMSCHD	27	2
SRBPARM	1C	
SRBPASID	E	
SRBPKF	24	
SRBPMCS	27	4
SRBPNONQ	25	4
SRBPRIOR	25	
SRBPSYS	25	0
SRBPTCB	10	
SRBRMODE	18	80
SRBRMTR	18	
SRBRMTRA	18	
SRBSAVE	20	
SRBSECT	0	
SRBSIZE	2C	2C
SRBSP245	27	40
SRBSUSP	25	8
SRBTOKNP	27	1
SRBWEB	20	
SRBXESF	27	10
SRB1STS	27	8

IATYISTN Heading Information

Common Name: Intermediate SETNAME table entry
Macro ID: IATYISET
DSECT Name: ISTNSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0
Size: ISTNSIZE
Created by: IATINCF
Pointed to by: INTSTNID entry in IATYINT
Serialization: NONE
Function: This data area contains intermediate text for a SETNAME initialization statement.

IATYISTN Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	ISTNSTRT	

Comment

```
-----------------------------------------------------------
    Name variety of intermediate SETNAME entry.
-----------------------------------------------------------
```

End of Comment

0	(0)	CHARACTER	8	ISTNNAME	Name
8	(8)	BITSTRING	2	ISTNFLAG	Flag bytes
10	(A)	BITSTRING	1	ISTNRSVD	Reserved for development
11	(B)	BITSTRING	2	ISTNRSVS	Reserved for service
13	(D)	BITSTRING	1	ISTNRSVU	Reserved for user
14	(E)	BITSTRING	1	ISTNEND (0)	End of entry
14	(E)	BITSTRING	1	ISTNSIZE (0)	

Comment

```
-----------------------------------------------------------
    XTYPE variety of intermediate SETNAME entry.
-----------------------------------------------------------
```

End of Comment

0	(0)	BITSTRING	1	ISTNHDRI	Header type indicator
1	(1)	BITSTRING	1	ISTNTYPE	SETNAME type code
2	(2)	CHARACTER	8	ISTNXTYP	XTYPE represented

Comment

```
-----------------------------------------------------------
    Length used to build a real SETNAME entry out of an
    intermediate one.
-----------------------------------------------------------
```

End of Comment

2	(2)	X'A'	0	STLENGTH	"ISTNRSVD-ISTNNAME" Length of SETNAMEs

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IATYISTN Cross Reference

Name	Hex Offset	Hex Value
ISTNEND	E	
ISTNFLAG	8	
ISTNHDRI	0	
ISTNNAME	0	
ISTNRSVD	A	
ISTNRSVS	B	
ISTNRSVU	D	
ISTNSIZE	E	
ISTNSTRT	0	
ISTNTYPE	1	
ISTNXTYP	2	
STLENGTH	2	A

IATYITK Programming Interface information

Programming Interface information

IATYITK

The following fields are **NOT** programming interface information:

- ITKBTRAD
- ITKCFGAD
- ITKCFGTK
- ITKCKI
- ITKCKPAD
- ITKCSRAD
- ITKDEREG
- ITKGRCK
- ITKGRCKT
- ITKICPAD
- ITKLTRC
- ITKNTRCA
- ITKPRMAD
- ITKRGTKN
- ITKSPRAD
- ITKSQE
- ITKS99AD
- ITKVOLAD
- ITKXCKPT
- ITKXSQE
- ITKXTRC

End of Programming Interface information

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IATYITK Heading Information

Common Name: PARAMETER LIST FOR IATINTK
Macro ID: IATYITK
DSECT Name: ITKPARMS
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: NONE
Size: 199 Bytes
Created by: IATINTK
Pointed to by: Register 6 from Execution of IATINTK to IATINIT. IATINIT then stores contents of Register 6 into the TVT (TVTITKPM).
Serialization: NONE
Function: This data area is the parameter data area contained in IATINTK--the mother task for JES3 and address spaces utilizing FSS alternate NUCLEUS support.

IATYITK Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	ITKPARMS	
0	(0)	CHARACTER	4	ITKID	Eyecatcher
4	(4)	SIGNED	4	ITKINDAT	SYSTEM START DATE
8	(8)	SIGNED	4	ITKINTIM	SYSTEM START TIME
12	(C)	SIGNED	4	ITKRSVDD	Reserved for development 6
16	(10)	ADDRESS	4	ITKCKI	ADDR OF CHECKPOINT DATA AREA 3
20	(14)	ADDRESS	4	ITKSMF43	SMF TYPE 43 RECORD
24	(18)	SIGNED	4	ITKRSVD3	Reserved for development
28	(1C)	ADDRESS	4	ITKICPAD	INISH CHECKPOINT RECORD ADDR
32	(20)	ADDRESS	4	ITKS99AD	DYNALLOC CKPNT RECORD ADDRESS
36	(24)	ADDRESS	4	ITKCKPAD	JESCKPNT CKPNT RECORD ADDRESS
40	(28)	ADDRESS	4	ITKVOLAD	SPOOL VOLUMES CKPNT RECORD ADDR
44	(2C)	ADDRESS	4	ITKSPRAD	SPOOL PART CKPNT RECORD ADDR
48	(30)	ADDRESS	4	ITKCSRAD	CSR CHECKPOINT RECORD ADDR
52	(34)	ADDRESS	4	ITKBTRAD	BADTRACK CKPNT RECORD ADDR
56	(38)	ADDRESS	4	ITKCFGAD	Configuration services entry point
60	(3C)	SIGNED	4	ITKCFGTK	Configuration services token
64	(40)	ADDRESS	4	ITKMSTEP	Main status services entry point
68	(44)	SIGNED	4	ITKMSTKN	Main status services token
72	(48)	SIGNED	4	ITKMSTRC	Main status services rc
76	(4C)	SIGNED	4	ITKMSTRS	Main status services rsn

Comment

```
TKMSTLS IATXMSTA MF=L Main status services
```

End of Comment

Comment

```
$S0= REFMPC HJS7707 010608 PD0RF: z 1.4.0
  IATXMSTA MF=L
```

End of Comment

80	(50)	SIGNED	4	ITKMSTLS (0)	
80	(50)	ADDRESS	4		System status services token address

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
84	(54)	ADDRESS	4		System name address
88	(58)	SIGNED	4	(2)	Reserved for IBM
88	(58)	X'10'	0	ITKMSTLN	"*-ITKMSTLS" Length of parameter list
96	(60)	ADDRESS	4	ITKXTRC	IATGRTX ENTRY ADDRESS
100	(64)	SIGNED	4	ITKLTRC	LAST TRACE POINTER
104	(68)	SIGNED	4	ITKSSCT	JES3 SSCT POINTER
108	(6C)	SIGNED	4	ITKSSVT	JES3 SSVT POINTER
112	(70)	SIGNED	4	ITKUXPM	USER EXIT PARAMETERS ADDRESS
		1...		ITKPRMFL	"X'80'" HIGH ORDER BIT OF ITKUXPM 0 - PARM AREA EXISTS 1 - PARM AREA DOESN'T EXIST 1
116	(74)	CHARACTER	8	ITKQNAME	JES3 MAJOR NAME FOR ENQ/RESRV
124	(7C)	SIGNED	4	ITKRSVD4	Reserved for development
128	(80)	SIGNED	4	ITKRSVS (2)	RESERVED FOR SERVICE 0003
136	(88)	ADDRESS	4	ITKDEREG	Deregistration routine addr 0003
140	(8C)	BITSTRING	8	ITKRGTKN	JES3 registration token 0003
148	(94)	SIGNED	4	ITKNTRCA	ADDRESS OF NUC PATH TRACE TABLE
152	(98)	SIGNED	4	ITKSQE	STORAGE QUEUE
156	(9C)	SIGNED	4	ITKRSVU (2)	RESERVED FOR USER
164	(A4)	BITSTRING	4	ITKTOKEN	CONTENTS OF TOKEN FROM START
		1...		ITKTOKFL	"X'80'" TOKEN EXISTS - IN ITKTOKEN
168	(A8)	SIGNED	4	ITKFSID (0)	FSS IDENTIFIER
168	(A8)	SIGNED	2	ITKFSSID	FSS PORTION OF FSS ID
170	(AA)	SIGNED	2	ITKFSAID	FSA PORTION OF FSA ID
172	(AC)	CHARACTER	8	ITKFSSIN	FSS INIT MODULE NAME (PARSED FROM MVS START COMMAND)
180	(B4)	ADDRESS	4	ITKPRMAD	ADDR OF START CMD PARM LIST

Comment

```
------------------------------------------------------------ 0
      ITKFSFLG - Function specific flag byte. 0
------------------------------------------------------------ 0
```

End of Comment

184	(B8)	BITSTRING	1	ITKFSFLG	Function Specific flag byte
		1...		ITKFSSAD	"X'80'" MODULE EXECUTING IN FSS ADSP
		.1..		ITKCIFSS	"X'40'" CI FSS ADDRESS SPACE
		..1.		ITKUJCTR	"X'20'" IATUTJCT utility read only
		...1		ITKUJCTW	"X'10'" IATUTJCT utility read/write

Comment

```
------------------------------------------------------------ 0
      ITKFLAG2 - Flag byte 2. 0
------------------------------------------------------------ 0
```

End of Comment

185	(B9)	BITSTRING	1	ITKFLAG2	Flag Byte 2 0025
		1...		ITKPRVIC	"X'80'" Previous cold or warm start 0025 was incomplete 0025
		.1..		ITKNOCSR	"X'40'" There is no CSR (because of 0025 error, or new checkpoint) 0025
		..1.		ITKF2R20	"X'20'" Reserved for IBM 0025
		...1		ITKF2R10	"X'10'" Reserved for IBM 0025
		.... 1...		ITKF2R08	"X'08'" Reserved for IBM 0025
		.... .1..		ITKF2R04	"X'04'" Reserved for IBM 0025
		.... ..1.		ITKF2R02	"X'02'" Reserved for IBM 0025
		1		ITKF2R01	"X'01'" Reserved for IBM 0025
186	(BA)	SIGNED	2	ITKCSRUS	CSR DISPL TO OWN ENTRY
188	(BC)	SIGNED	2	ITKS99CT	Number of DYNALLOC statements

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- 0	
				ITKTKFLG - Local use flags. 0	
				---------- 0	
				End of Comment	
190	(BE)	BITSTRING	1	ITKTKFLG	FLAGS - LOCAL USE
		1...		ITKCSRDN	"X'80'" CSR WRITTEN, INISH FAILURE
		.1..		ITKNODMP	"X'40'" DO 2FB/NODUMP
		..1.		ITKAUTOR	"X'20'" JES3 is in auto-restart mode (i.e. it is restarting automatically)
		...1		ITKARCFG	"X'10'" Auto-restart was initiated due to a configuration change
		.... 1...		ITKAROPR	"X'08'" Auto-restart was initiated by the operator
191	(BF)	BITSTRING	1	ITKFLAG	INISH FLAGS (SAME AS TVTVS2F1)
192	(C0)	BITSTRING	1	ITKSTFLG	START TYPE (SAME AS TVRSTFLG)
				Comment	
				---------- 0	
				ITKGSFLG - Start Restriction flags. 0	
				---------- 0	
				End of Comment	
193	(C1)	BITSTRING	1	ITKGSFLG	START RESTRICTIONS
		1...		ITKSTC	"X'80'" Cold start required
		.1..		ITKSTCW	"X'40'" Cold or warm start required
		..1.		ITKSTL	"X'20'" Local start (not hot)
		...1		ITKSTWRN	"X'10'" Other processors are up
		.... 1...		ITKSTGBL	"X'08'" Global in cold/warm start
		.... .1..		ITKSTME	"X'04'" This processor defined in CSR
		.... ..1.		ITKSCWHR	"X'02'" Cold, warm, or hot start with refresh required
194	(C2)	CHARACTER	44	ITKINDSN	The data set name (DSNAME=) on JES3IN DD statement
				Comment	

				End of Comment	
238	(EE)	BITSTRING	2	ITKRSVD1	RESERVED FOR DEVELOPMENT
				Comment	

				CHECKPOINT ACCESS METHOD ENTRY POINTS	

				End of Comment	
240	(F0)	ADDRESS	4	ITKGRCKT	CKPT TERMINATION E.P.-IATGRCKT
244	(F4)	ADDRESS	4	ITKXCKPT	IATXCKPT SERVICE E.P.-IATGRCKP
248	(F8)	ADDRESS	4	ITKGRCK	CKPT INISH E.P.-IATGRCK
252	(FC)	SIGNED	4	ITKM3098	DOM id for auto-restart message - IAT3098
256	(100)	CHARACTER	4	ITKSSNM	SS NAME FROM START COMMAND
260	(104)	SIGNED	4	ITKXSQE	STORAGE Q MANAGER ADDRESS
264	(108)	CHARACTER	23	ITKFSMSG (0)	FSS PORTION OF WTO MESSAGE
264	(108)	CHARACTER	4		
268	(10C)	CHARACTER	8	ITKFSSNM	FSS NAME FROM START COMMAND
276	(114)	CHARACTER	7		
283	(11B)	CHARACTER	4	ITKEASID	EBCDIC ADDRESS SPACE ID
283	(11B)	X'11F'	0	ITKEND	"*" END OF AN ENTRY
283	(11B)	X'11F'	0	ITKSIZE	"ITKEND-ITKPARMS" SIZE OF AN ENTRY

IATYITK Cross Reference

Name	Hex Offset	Hex Value
ITKARCFG	BE	10
ITKAROPR	BE	8
ITKAUTOR	BE	20
ITKBTRAD	34	
ITKCFGAD	38	
ITKCFGTK	3C	0
ITKCIFSS	B8	40
ITKCKI	10	
ITKCKPAD	24	
ITKCSRAD	30	
ITKCSRDN	BE	80
ITKCSRUS	BA	0
ITKDEREG	88	
ITKEASID	11B	40404040
ITKEND	11B	11F
ITKFLAG	BF	0
ITKFLAG2	B9	0
ITKFSAID	AA	0
ITKFSFLG	B8	0
ITKFSID	A8	
ITKFSMSG	108	
ITKFSSAD	B8	80
ITKFSSID	A8	0
ITKFSSIN	AC	40404040
ITKFSSNM	10C	5CE4D5D2
ITKF2R01	B9	1
ITKF2R02	B9	2
ITKF2R04	B9	4
ITKF2R08	B9	8
ITKF2R10	B9	10
ITKF2R20	B9	20
ITKGRCK	F8	
ITKGRCKT	F0	
ITKGSFLG	C1	0
ITKICPAD	1C	
ITKID	0	C9E3D240
ITKINDAT	4	0
ITKINDSN	C2	40404040
ITKINTIM	8	0
ITKLTRC	64	0
ITKMSTEP	40	
ITKMSTKN	44	0
ITKMSTLN	58	10
ITKMSTLS	50	
ITKMSTRC	48	0
ITKMSTRS	4C	0
ITKM3098	FC	0
ITKNOCSR	B9	40
ITKNODMP	BE	40
ITKNTRCA	94	0
ITKPARMS	0	
ITKPRMAD	B4	
ITKPRMFL	70	80
ITKPRVIC	B9	80
ITKQNAME	74	E2E8E2E9
ITKRGTKN	8C	0
ITKRSVDD	C	0
ITKRSVD1	EE	0
ITKRSVD3	18	0
ITKRSVD4	7C	0
ITKRSVS	80	0
ITKRSVU	9C	0
ITKSCWHR	C1	2
ITKSIZE	11B	11F
ITKSMF43	14	
ITKSPRAD	2C	
ITKSQE	98	0
ITKSSCT	68	0
ITKSSNM	100	40404040
ITKSSVT	6C	0
ITKSTC	C1	80
ITKSTCW	C1	40
ITKSTFLG	C0	0
ITKSTGBL	C1	8
ITKSTL	C1	20
ITKSTME	C1	4
ITKSTWRN	C1	10
ITKS99AD	20	
ITKS99CT	BC	0
ITKTKFLG	BE	0
ITKTOKEN	A4	0
ITKTOKFL	A4	80
ITKUJCTR	B8	20
ITKUJCTW	B8	10
ITKUXPM	70	0
ITKVOLAD	28	
ITKXCKPT	F4	
ITKXSQE	104	0
ITKXTRC	60	

IATYITR Heading Information

Common Name: Internal Trace Record Map
Macro ID: IATYITR
DSECT Name: ITRCHDR, ITRCNTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ITR
Offset: 0
Length: 4
Storage Attributes: Main Storage: JES3 Private
Auxiliary Storage: N/A
Subpool: 252
Key: 1
Residency: Any
Size: ITRCSIZE
Created by: IATABMN
Pointed to by: TVTXITRC in IATYTVTX
Serialization: None
Function: This macro is used to map the JES3 Internal Trace Table header and individual entries.

IATYITR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ITRCHDR	
0	(0)	CHARACTER	4	ITRCEYE	Eye catcher
4	(4)	ADDRESS	4	ITRCC1ST	1st physical trace entry
8	(8)	ADDRESS	4	ITRCCLST	Last physical trace entry
12	(C)	ADDRESS	4	ITRCCCUR	Current entry while in Failsoft, otherwise the last entry used
16	(10)	SIGNED	4	ITRCELEN	Size of one entry

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ITRCNTRY	
0	(0)	CHARACTER	8	ITRCTMDT	TIME, DATE OF ENTRY TO ABMN
0	(0)	X'0'	0	ITRCTIME	"ITRCTMDT,4" TIME OF ENTRY TO ABMN
0	(0)	X'4'	0	ITRCDATE	"ITRCTMDT+4,4" DATE OF ENTRY TO ABMN
8	(8)	SIGNED	4	ITRCREGS (0)	R0,R1 ON ENTRY TO ABMN
8	(8)	SIGNED	4	ITRCREG0	R0 ON ENTRY TO ABMN
12	(C)	SIGNED	4	ITRCREG1	R1 ON ENTRY TO ABMN
16	(10)	CHARACTER	8	ITRCEC1	PSW AT TIME OF FAILURE
24	(18)	SIGNED	4	ITRCABCC	ABEND CC
28	(1C)	CHARACTER	1	ITRCACF2	ADDITIONAL PROCESSING REQUESTS
29	(1D)	CHARACTER	1	ITRCILC1	INSTRUCTION LENGTH CODE
30	(1E)	BITSTRING	2	ITRCRSV	Reserved 0009
32	(20)	SIGNED	4	ITRCRC	Reason code 0009
36	(24)	BITSTRING	4	ITRCFLGS (0)	INPUT FLAGS
36	(24)	CHARACTER	1	ITRCERRA	ERROR TYPE
37	(25)	CHARACTER	1	ITRCERRB	ADDITIONAL ERROR INFORMATION
38	(26)	CHARACTER	1	ITRCERRC	ADDITIONAL ERROR INFORMATION
39	(27)	CHARACTER	1	ITRCERRD	ADDITIONAL ERROR INFORMATION

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IATYITR Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
40	(28)	CHARACTER	1	ITRCMCHD	MACHINE CHECK ERROR INFORMATION
41	(29)	CHARACTER	1	ITRCFSIN	FSINDEX1
42	(2A)	CHARACTER	1	ITRCAFG3	AFGFLAG3
43	(2B)	CHARACTER	1	ITRCPARM	ESTAE EXIT LEVEL
44	(2C)	ADDRESS	4	ITRCFCTA	FCTACTIV AT TIME OF FAILURE
48	(30)	CHARACTER	64	ITRCGRSV	REGISTERS AT TIME OF FAILURE
112	(70)	CHARACTER	64	ITRCARSV	ACCESS REGISTERS AT TIME OF FAILURE
176	(B0)	ADDRESS	4	ITRCFSWA	A(FSWA)
180	(B4)	ADDRESS	4	ITRCSDWA	A(SDWA)
184	(B8)	ADDRESS	4	ITRCRTYA	RETRY ADDRESS
188	(BC)	SIGNED	4	ITRCR15	R15 ON RETURN TO CONTROL PROGRAM
192	(C0)	SIGNED	4	ITRCTOD	First word of the TOD clock
196	(C4)	SIGNED	4	ITRCEND (0)	END OF INTERNAL TRACE TABLE ENTRY
196	(C4)	X'C4'	0	ITRCSIZE	"ITRCEND-ITRCNTRY" SIZE OF INTERNAL TRACE TABLE ENTRY

IATYITR Cross Reference

Name	Hex Offset	Hex Value
ITRCABCC	18	
ITRCACF2	1C	
ITRCAFG3	2A	
ITRCARSV	70	
ITRCCCUR	C	
ITRCCLST	8	
ITRCC1ST	4	
ITRCDATE	0	4
ITRCEC1	10	
ITRCELEN	10	
ITRCEND	C4	
ITRCERRA	24	
ITRCERRB	25	
ITRCERRC	26	
ITRCERRD	27	
ITRCEYE	0	
ITRCFCTA	2C	
ITRCFLGS	24	
ITRCFSIN	29	
ITRCFSWA	B0	
ITRCGRSV	30	
ITRCHDR	0	
ITRCILC1	1D	
ITRCMCHD	28	
ITRCNTRY	0	
ITRCPARM	2B	
ITRCRC	20	
ITRCREGS	8	
ITRCREG0	8	
ITRCREG1	C	
ITRCRSV	1E	
ITRCRTYA	B8	
ITRCR15	BC	
ITRCSDWA	B4	
ITRCSIZE	C4	C4
ITRCTIME	0	0
ITRCTMDT	0	
ITRCTOD	C0	

IATYITXT Programming Interface information

Programming Interface information

IATYITXT

End of Programming Interface information

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IATYITXT Heading Information

Common Name: Intermediate Text File Identifiers
Macro ID: IATYITXT
DSECT Name: ITXTSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: 'NONE'
Offset: N/A
Length: N/A
Storage Attributes: Auxiliary Storage: N/A
Subpool: N/A
Key: N/A
Residency: N/A
Size: ITXTLEN for DSECT ITXTSTRT
Created by: IATUTIFD
Pointed to by: N/A
Serialization: NONE
Function: This macros defines the file id's associated with the intermediate text that is written to spool during initialization. The file id's appear in the Initialization File Directory (IFD) entry for the intermediate text, and the IATYSPL entry that is used to access the intermediate text (the IATYSPL entries are located in IATYINT).

IATYITXT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
				Comment	
,SETUNITS					
				End of Comment	
		1		ITXSETUN	"X'1'" Intermediate text file id
				Comment	
,SUPUNITS					
				End of Comment	
		.... ..1.		ITXSUPUN	"X'2'" Intermediate text file id
				Comment	
,SYSOUT CLASS					
				End of Comment	
		11		ITXSYSOT	"X'3'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		.... .1..		ITXRSD01	"X'4'" Intermediate text file id

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,DEADLINE					
				End of Comment	
		.... .1.1		ITXDEADL	"X'5'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		.... .11.		ITXRSD02	"X'6'" Intermediate text file id
				Comment	
,REMOTE CONSOLE					
				End of Comment	
		.... .111		ITXRMTCN	"X'7'" Intermediate text file id
				Comment	
,RESDSN					
				End of Comment	
		.... 1...		ITXRESDS	"X'8'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		.... 1..1		ITXRSD03	"X'9'" Intermediate text file id
				Comment	
,SETPARAM					
				End of Comment	
		.... 1.1.		ITXSETPA	"X'A'" Intermediate text file id
				Comment	
,SETNAME					
				End of Comment	
		.... 1.11		ITXSETNM	"X'B'" Intermediate text file id
				Comment	
,MAINPROC, GROUP, CLASS					
				End of Comment	
		.... 11..		ITXMAINP	"X'C'" Intermediate text file id
				Comment	
,CLASS INFO, SELECT, GROUP EXRESC					
				End of Comment	
		.... 11.1		ITXCLASS	"X'D'" Intermediate text file id

IATYITXT Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,RJPLINE					
				End of Comment	
		.... 111.		ITXRJPLN	"X'E'" Intermediate text file id
				Comment	
,CONSTD					
				End of Comment	
		 1111		ITXCONST	"X'F'" Intermediate text file id
				Comment	
,RJPTERM					
				End of Comment	
		...1		ITXRJPTM	"X'10'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		...1 ...1		ITXRSD04	"X'11'" Intermediate text file id
				Comment	
,CIPARM					
				End of Comment	
		...1 ..1.		ITXCIPRM	"X'12'" Intermediate text file id
				Comment	
,MSGROUTE					
				End of Comment	
		...1 ..11		ITXMSGRT	"X'13'" Intermediate text file id
				Comment	
,SETACC					
				End of Comment	
		...1 .1..		ITXSETAC	"X'14'" Intermediate text file id
				Comment	
,SETRES					
				End of Comment	
		...1 .1.1		ITXSETRS	"X'15'" Intermediate text file id
				Comment	
,HWSNAME					
				End of Comment	
		...1 .11.		ITXHWSNM	"X'16'" Intermediate text file id

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,DEVICE FENCE (EXRESC, DEVPOOL)					
				End of Comment	
		...1 .111		ITXDVFNC	"X'17'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		...1 1...		ITXRSD05	"X'18'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		...1 1..1		ITXRSD06	"X'19'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		...1 1.1.		ITXRSD07	"X'1A'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		...1 1.11		ITXRSD08	"X'1B'" Intermediate text file id
				Comment	
,RJPWS (WSB)					
				End of Comment	
		...1 11..		ITXWSB	"X'1C'" Intermediate text file id
				Comment	
,COMPACT					
				End of Comment	
		...1 11.1		ITXCOMPC	"X'1D'" Intermediate text file id
				Comment	
,RJPWS (RLT)					
				End of Comment	
		...1 111.		ITXRJPWS	"X'1E'" Intermediate text file id
				Comment	
,DYNALDSN					
				End of Comment	
		...1 1111		ITXDYNDS	"X'1F'" Intermediate text file id

IATYITXT Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,FSSDEF					
				End of Comment	
		..1.		ITXFSSDF	"X'20'" Intermediate text file id
				Comment	
,RESERVED					
				End of Comment	
		..1. ...1		ITXRSD09	"X'21'" Intermediate text file id
				Comment	
,DESTDEF					
				End of Comment	
		..1. ..1.		ITXDSTDF	"X'22'" Intermediate text file id
				Comment	
,NJERMT					
				End of Comment	
		..1. ..11		ITXNJERM	"X'23'" Intermediate text file id
				Comment	
,USER1					
				End of Comment	
		..1. .1..		ITXUSR01	"X'24'" Intermediate text file id
				Comment	
,USER2					
				End of Comment	
		..1. .1.1		ITXUSR02	"X'25'" Intermediate text file id
				Comment	
,USER3					
				End of Comment	
		..1. .11.		ITXUSR03	"X'26'" Intermediate text file id
				Comment	
,USER4					
				End of Comment	
		..1. .111		ITXUSR04	"X'27'" Intermediate text file id
				Comment	
,USER5					
				End of Comment	
		..1. 1...		ITXUSR05	"X'28'" Intermediate text file id

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,USER6					
				End of Comment	
		..1. 1..1		ITXUSR06	"X'29'" Intermediate text file id
				Comment	
,USER7					
				End of Comment	
		..1. 1.1.		ITXUSR07	"X'2A'" Intermediate text file id
				Comment	
,USER8					
				End of Comment	
		..1. 1.11		ITXUSR08	"X'2B'" Intermediate text file id
				Comment	
,USER9					
				End of Comment	
		..1. 11..		ITXUSR09	"X'2C'" Intermediate text file id
				Comment	
,USER10					
				End of Comment	
		..1. 11.1		ITXUSR10	"X'2D'" Intermediate text file id
				Comment	
,END OF FILE IDS					
				End of Comment	
0	(0)	BITSTRING	0	ITXEND	"X'FFFF'" Intermediate text file id

IATYITXT Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
ITXCIPRM	0	12	ITXRJPWS	0	1E
ITXCLASS	0	D	ITXRMTCN	0	7
ITXCOMPC	0	1D	ITXRSD01	0	4
ITXCONST	0	F	ITXRSD02	0	6
ITXDEADL	0	5	ITXRSD03	0	9
ITXDSTDF	0	22	ITXRSD04	0	11
ITXDVFNC	0	17	ITXRSD05	0	18
ITXDYNDS	0	1F	ITXRSD06	0	19
ITXEND	0	FFFF	ITXRSD07	0	1A
ITXFSSDF	0	20	ITXRSD08	0	1B
ITXHWSNM	0	16	ITXRSD09	0	21
ITXMAINP	0	C	ITXSETAC	0	14
ITXMSGRT	0	13	ITXSETNM	0	B
ITXNJERM	0	23	ITXSETPA	0	A
ITXRESDS	0	8	ITXSETRS	0	15
ITXRJPLN	0	E	ITXSETUN	0	1
ITXRJPTM	0	10	ITXSUPUN	0	2

IATYITXT Cross Reference

Name	Hex Offset	Hex Value
ITXSYSOT	0	3
ITXUSR01	0	24
ITXUSR02	0	25
ITXUSR03	0	26
ITXUSR04	0	27
ITXUSR05	0	28
ITXUSR06	0	29
ITXUSR07	0	2A
ITXUSR08	0	2B
ITXUSR09	0	2C
ITXUSR10	0	2D
ITXWSB	0	1C

IATYIVM Heading Information

Common Name: JES3 JOB VALIDATION/RESTART MESSAGE BUFFER
Macro ID: IATYIVM
DSECT Name: IVMSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IVM
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0 Private, anywhere
Auxiliary Storage: N/A
Size: Variable
Created by: IATDMJV
IATINJV
Pointed to by: IVMNEXT IN IATYIVM,
JVWMSGQ IN IATYJVW,
SRVMSGQ IN IATYSRV
Serialization: NONE
Function: Maps the work area used by the job validation routine. It is used to hold messages queued for the JES3OUT data set or console during job validation and restart. It is also used to contain diagnostic text associated with a spool record.

IATYIVM Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	IVMSTART	
0	(0)	CHARACTER	4	IVMID	DATA AREA IDENTIFIER
4	(4)	ADDRESS	4	IVMNEXT	CHAIN TO NEXT QUEUED MESSAGE

Comment

```
-------------------------------------------------------------
 IVMFLG1 --- MESSAGE INDICATORS
-------------------------------------------------------------
```

End of Comment

8	(8)	BITSTRING	1	IVMFLG1	
		1...		IVM1WTO	"X'80'" WTO=Y
9	(9)	BITSTRING	3	IVMRSVD	RESERVED FOR DEVELOPMENT

Comment

```
-------------------------------------------------------------
 IVMWTO --- MESSAGE AREA (WTO MF=L)
-------------------------------------------------------------
IVMWTO WTO MF=L
```

End of Comment

12	(C)	SIGNED	4	IVMWTO (0)	
12	(C)	ADDRESS	2		TEXT LENGTH
14	(E)	BITSTRING	2		MCSFLAGS
16	(10)	CHARACTER	53		
32	(20)	X'7C'	0	IVMWTOL	"*-IVMWTO"

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IATYIVM Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	X'88'	0	IVMEND	"*"
32	(20)	X'88'	0	IVMSIZE	"IVMEND-IVMSTART"

IATYIVM Cross Reference

Name	Hex Offset	Hex Value
IVMEND	20	88
IVMFLG1	8	
IVMID	0	
IVMNEXT	4	
IVMRSVD	9	
IVMSIZE	20	88
IVMSTART	0	
IVMWTO	C	
IVMWTOL	20	7C
IVM1WTO	8	80

IATYJBT Programming Interface information

Programming Interface information

IATYJBT

The following field is **NOT** programming interface information:

- JBTSTT

End of Programming Interface information

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IATYJBT Heading Information

Common Name: JOB/DATASET TRACK ALLOCATION TABLE (JBT)
Macro ID: IATYJBT
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JSAM BUFFER
Auxiliary Storage: SPOOL
Size: Variable - 68 Bytes + Job Track Allocation Table variable segment
Created by: IATDMTK
Pointed to by: DSSTATAD OF IATYDSS
JDSTATFD OF IATYJDS
JIBTATAD OF IATYJIB
RRETATAD OF IATYRRE
Serialization: NONE
Function: Describes track groups allocated to a particular job or dataset

IATYJBT Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JBTSTART	
0	(0)	BITSTRING	6	JBTTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JBTCNT	USER COUNT.
8	(8)	CHARACTER	4	JBTID	FILE ID.
12	(C)	BITSTRING	12	JBTCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JBTVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JBTDATA (0)	START OF USER DATA AREA.
28	(1C)	BITSTRING	6	JBTFIRST	M.R OF FIRST JBT IN CHAIN
34	(22)	SIGNED	2	JBTFIXL	OFFSET TO VARIABLE SEGMENT
36	(24)	SIGNED	2	JBTSPNDX	SPOOL PARTITION INDEX LAST USED
38	(26)	SIGNED	2	JBTKLEFT	NUMBER OF AVAILABLE ENTRIES
40	(28)	SIGNED	2	JBTKNEXT	OFFSET TO NEXT AVAILABLE ENTRY
42	(2A)	SIGNED	2	JBTGRPCT	NUMBER OF TRACK GROUP ENTRIES
44	(2C)	SIGNED	2	JBTJNUMC	Compatible with JBTJNUM - see IATXJBNO macro
46	(2E)	SIGNED	2	JBTRSVD1	RESERVED FOR DEVELOPMENT
48	(30)	SIGNED	4	JBTVALID	VALIDATION FIELD
52	(34)	SIGNED	4	JBTSTT	ADDR OF STT OR ZERO
56	(38)	SIGNED	4	JBTJNUM	Binary job number
60	(3C)	BITSTRING	1	JBTFLAG1	TAT FLAG
		1...		JBTRABD	"X'80'" RAB DESTROY COMPLETE
61	(3D)	BITSTRING	1	JBTRSVS1 (3)	RESERVED FOR SERVICE
64	(40)	SIGNED	4	JBTRSVU1	RESERVED FOR USER
64	(40)	X'44'	0	JBTFEND	"*" END OF FIXED AREA
64	(40)	X'44'	0	JBTFSIZE	"JBTFEND-JBTSTART" - SIZE OF FIXED AREA.

Comment

JOB TRACK ALLOCATION TABLE VARIABLE SEGMENT

End of Comment

68	(44)	SIGNED	2	JBTENTRY (0)	START OF VARIABLE SEGMENT
68	(44)	BITSTRING	1	JBTGPADR	TRACK GROUP ADDRESS (X.G)
68	(44)	X'4A'	0	JBTGPNXT	"*" START OF NEXT X.G ENTRY

IATYJBT Cross Reference

Name	Hex Offset	Hex Value
JBTCHN	C	0
JBTCNT	6	0
JBTDATA	1C	
JBTENTRY	44	
JBTFEND	40	44
JBTFIRST	1C	
JBTFIXL	22	
JBTFLAG1	3C	
JBTFSIZE	40	44
JBTGPADR	44	
JBTGPNXT	44	4A
JBTGRPCT	2A	
JBTID	8	D1C2E340
JBTJNUM	38	
JBTJNUMC	2C	
JBTKLEFT	26	
JBTKNEXT	28	
JBTRABD	3C	80
JBTRSVD1	2E	
JBTRSVS1	3D	
JBTRSVU1	40	
JBTSPNDX	24	
JBTSTART	0	
JBTSTT	34	
JBTTRK	0	0
JBTVALID	30	
JBTVLID	18	0

IATYJCT Programming Interface information

Programming Interface information

IATYJCT

The following field is **NOT** programming interface information:

- JCTCNDB

End of Programming Interface information

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IATYJCT Heading Information

Common Name: JOB CONTROL TABLE
Macro ID: IATYJCT
DSECT Name: JCTSTART, SESTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JCT
Offset: 0
Length: 4
Storage Attributes: Main Storage: JSAM BUFFER
Auxiliary Storage: JES3 JCT EXTENT
Size: 552 Bytes
Created by: IATISDT and WORK-TO-DO DRIVER (WTD)
Pointed to by: JQEFDB in IATYJQE (TRACK/BUFFER ADDR.)
JVWJCFDB in IATYJVW (SPOOL ADDRESS)
JVWJCT in IATYJVW (BUFFER ADDRESS)
Serialization: IATXJCT (TYPE=RW)
Function: This is a control block on spool which contains information pertinent to a single job. It consists of one fixed section and several variable sections. Each variable section consists of a scheduler element mapping. Each scheduler element represents a phase in the job's processing.

IATYJCT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JCTSTART	
0	(0)	SIGNED	4	JCTID	JCT ID
4	(4)	SIGNED	2	JCTTOTL	- LENGTH OF ENTIRE JCT - WITH ALL SE'S
6	(6)	SIGNED	2	JCTFIXL	- LENGTH OF FIXED PORTION
8	(8)	SIGNED	2	JCTVARL	- LENGTH OF EACH SE
10	(A)	BITSTRING	4	JCTJOB	Job number (binary) - the low two bytes match up with 2-byte definitions of JCTJOB in lower releases
14	(E)	SIGNED	2	JCTRSVH2	- RESERVED FOR DEVELOPMENT
16	(10)	CHARACTER	8	JCTJBNAM	- JOB NAME
24	(18)	CHARACTER	8	JCTOUSID	OWNING USER ID D020
32	(20)	CHARACTER	8	JCTTUSID	- SUBMITTING USERID 0618
40	(28)	CHARACTER	80	JCTTOKEN	TOKEN 0318
120	(78)	CHARACTER	8	JCTNODE	NODE
128	(80)	CHARACTER	8	JCTPOE	PORT OF ENTRY
136	(88)	CHARACTER	8	JCTSECBL	SECLABEL
144	(90)	BITSTRING	1	JCTNOSES	- NUMBER OF SCHEDULER ELEMENTS
145	(91)	BITSTRING	1	JCTNSTEP	NO. OF STEPS IN THIS JOB
146	(92)	BITSTRING	1	JCTPRTY	- JOB PRIORITY
147	(93)	BITSTRING	1	JCTCPTYP	- TYPE OF CNTRL PGM REQUIRED
148	(94)	SIGNED	4	JCTMAXL	- PRINT LINE ESTIMATE
152	(98)	SIGNED	4	JCTMAXB	- PRINT BYTE ESTIMATE
156	(9C)	SIGNED	4	JCTMAXP	- PRINT PAGE ESTIMATE
160	(A0)	SIGNED	2	JCTMAXC	- CARD OUTPUT ESTIMATE 1
162	(A2)	SIGNED	2	JCTWARNI	- WARNING INCRE PERCENTAGES (CARDS, LINES, BYTES, PAGES)
164	(A4)	SIGNED	2	JCTMVTSZ	FIRST STEP REGION SIZE
166	(A6)	SIGNED	2	JCTVS2SZ	VS2 REGION SIZE 2
168	(A8)	SIGNED	4	JCTMAINS	- MAIN INDEX FOR THIS JOB
172	(AC)	SIGNED	4	JCTFSID (0)	FUNCTIONAL SUBSYSTEM ID - VALID WHEN JCTFSS IS SET

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
172	(AC)	SIGNED	2	JCTFSSID	FSS PORTION OF FSID
174	(AE)	SIGNED	2	JCTFSAID	FSA PORTION OF FSID
176	(B0)	SIGNED	4	JCTPFSID (0)	FSID OF THE FSS THAT IS PROCESSING THIS JOB
176	(B0)	SIGNED	2	JCTPFSSI	FSS PORTION OF FSID
178	(B2)	SIGNED	2	JCTPFSAI	FSA PORTION OF FSID
180	(B4)	SIGNED	4	JCTRSVDD	RESERVED FOR DEVELOPMENT
184	(B8)	SIGNED	4	JCTRSVDS	RESERVED FOR SERVICE
188	(BC)	SIGNED	4	JCTRSVDU	RESERVED FOR USER

Comment

```
-------------------------------------------------------------
          CONTROL BLOCK FDBS
-------------------------------------------------------------
```

End of Comment

192	(C0)	BITSTRING	12	JCTJDFDB	JDAB FDB 1
204	(CC)	BITSTRING	28	JCTFDTAT	JOBTAT FDB 1
232	(E8)	BITSTRING	12	JCTJDSFD	JDS FDB 1
244	(F4)	BITSTRING	12	JCTOSEFD	OSE FDB 2
256	(100)	BITSTRING	12	JCTJMRFD	JMR FDB 2
268	(10C)	BITSTRING	12	JCTSUFDB	JST FDB
280	(118)	BITSTRING	12	JCTUPDTE	PDB FDB
292	(124)	CHARACTER	2	JCTPROC	PRIVATE PROC USED ID
294	(126)	BITSTRING	4	JCTCIERR	C/I ERROR CODE (SAME AS RQCIERR) 9
298	(12A)	CHARACTER	8	JCTGPORG	- DEVICE GROUP ORIGIN
306	(132)	CHARACTER	8	JCTSCHCL	- SCHEDULER CLASS
314	(13A)	CHARACTER	8	JCTDJNET	- DJC JOB-NET NET-ID
314	(13A)	X'13A'	0	JCTARMGR	"JCTDJNET,8" JES XCF Group Name that job was registered under
322	(142)	BITSTRING	2	JCTRESS	- Reserved for service
324	(144)	SIGNED	4	JCTSPVLU	JESMSGLG & JESYSMSG spinoff value (see JCTSPFLG)
328	(148)	BITSTRING	1	JCTSPFLG	JESMSGLG & JESYSMSG spinoff flag byte

Comment

```
-------------------------------------------------------------
          Definition of JCTSPFLG
     NOTE: Flag JCTSPFLG must be defined identical
          to RQSPFLG.
-------------------------------------------------------------
```

End of Comment

		1...		JCTSPIN	"X'80'" Job is eligible to SPINOFF JESMSGLG and JESYSMSG ds
		.1..		JCTSTIMI	"X'40'" SPINOFF by time interval (in seconds)
		..1.		JCTSTIMD	"X'20'" SPINOFF by TOD (in sec)
		...1		JCTSLINE	"X'10'" SPINOFF by line interval
		.... 1...		JCTNOSPN	"X'08'" NOSPIN specified
		.... .1..		JCTSUPRS	"X'04'" SUPRESS specified
329	(149)	BITSTRING	1	JCTLEVEL	- JCT LEVEL INDICATOR 0518

Comment

```
------------------------------------------------------------- 0
          DEFINITION OF JCTLEVEL 0
------------------------------------------------------------- 0
```

End of Comment

		1		JCTLEV01	"X'01'" SNA/NJE ENHANCEMENT 0518 0518
330	(14A)	BITSTRING	3	JCTRESU	- RESERVED FOR USER
333	(14D)	BITSTRING	1	JCTVSR1	- LSTRR FROM CLASS TABLE
334	(14E)	BITSTRING	1	JCTSYSTM	- SYSTEM TYPE FOR THIS JOB

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

		DEFINITION OF JCTSYSTM			

				End of Comment	
		.... .1..		JCTSYSJ	"X'04'" ANY JES MAIN
		.... ..1.		JCTSYSR	"X'02'" LABEL USED BY IATUTDS
		1		JCTSYSB	"X'01'" LABEL USED BY IATUTDS
335	(14F)	BITSTRING	1	JCTNJFLG	- RESERVED FLAG BYTE 6
336	(150)	BITSTRING	1	JCTDJFL1	- DJC FLAG 1
				Comment	

		DEFINITION OF JCTDJFL1			

				End of Comment	
		1...		JCTDJJOB	"X'80'" - THIS IS A DJC JOB
		.1..		JCTDJCOH	"X'40'" - DJC OPERATOR HOLD BIT
		..1.		JCTDJCNH	"X'20'" - DJC RESQ ENTRY ELIGIBLE FOR SCHED 1
		.... 1...		JCTDJHLD	"X'08'" - JCT IS IN NETHOLD
		.... .1..		JCTDJCHG	"X'04'" - JCT HAS BEEN ALTERED
		.... ..1.		JCTDJRQB	"X'02'" - RESQUEUE HAS BEEN BUILT
		1		JCTDJCRQ	"X'01'" - CLEAR RESQUEUE OF DJC INFORMATION
337	(151)	BITSTRING	1	JCTDJFL2	- DJC FLAG 2
				Comment	

		DEFINITION OF JCTDJFL2			

				End of Comment	
		1...		JCTDJCIR	"X'80'" - INVALID RESUBMITTAL OF A NET JOB
		.1..		JCTDJAID	"X'40'" MIGRATION AID JOB
338	(152)	BITSTRING	1	JCTFL1	- FLAG BYTE
				Comment	

		DEFINITION OF JCTFL1			

				End of Comment	
		1...		JCTOPHLD	"X'80'" - OPERATOR HOLD
		.1..		JCTITER	"X'40'" - SE ITERATION IN PROCESS
		..1.		JCTIHOLD	"X'20'" - PUT JOB IN HOLD AFTER ITERATION
		...1		JCTTHOLD	"X'10'" - JOB IN TERMINAL USER HOLD
		.... 1...		JCTSETUP	"X'08'" - JOB REQUIRES SETUP
		.... .1..		JCTSCREF	"X'04'" - THIS JOB HAS SETUP W/SCRATCH REFS
		.... ..1.		JCTDJACT	"X'02'" - JOB IS ACTIVE FOR DJ (DUMP JOB)
		1		JCTISRF	"X'01'" - AUTHORIZATION CHECK FAILURE
339	(153)	BITSTRING	1	JCTFL2	- FLAG BYTE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

		DEFINITION OF JCTFL2			

				End of Comment	
		1...		JCTAPPC	"X'80'" Job is an APPC initiator
		.1..		JCTARMR	"X'40'" Job is ARM registered
		..1.		JCTRF220	"X'20'" Reserved flag
		...1		JCTARMH	"X'10'" Job is held for ARM
		.... 1...		JCTSPNJN	"X'08'" Job expects spinoff datasets to have unique jobnames
		.... .1..		JCTRF204	"X'04'" Reserved flag
		.... ..1.		JCTRF202	"X'02'" RESERVED FLAG
		1		JCTLRL10	"X'01'" Locates done on JES3 R10 main (SMS Unit AFF SSI supported)
340	(154)	BITSTRING	1	JCTFL3	- FLAG BYTE
				Comment	

		DEFINITION OF JCTFL3			

				End of Comment	
		1...		JCTOGRJP	"X'80'" - JOB ORIGIN IS RJP
		.1..		JCTSRVUP	"X'40'" - A service class update is pending for this job
		..1.		JCTDSEUF	"X'20'" - JOB REQUIRES DATA SET STACKING EXIT OR SPECIAL UNIT AFF CODE
		...1		JCTSRVCM	"X'10'" - The job's service class was set via a command
		.... 1...		JCTDSPCN	"X'08'" CANCEL BY DSP WITH PRINT
		.... .1..		JCTIOMED	"X'04'" - MEDIUM I/O RATE(SAME BIT AS RQMEDIO)
		.... ..1.		JCTIOHGH	"X'02'" - HIGH I/O RATE(SAME BIT AS RQHIGHIO)
		1		JCTIOLOW	"X'01'" - LOW I/O RATE(SAME BIT AS RQLOWIO)
341	(155)	BITSTRING	1	JCTFL4	- FLAG BYTE
				Comment	

		DEFINITION OF JCTFL4			

				End of Comment	
		1...		JCTSUDAO	"X'80'" - JOB SETUP REQUIRES DA ONLY
		.1..		JCTATJDS	"X'40'" - JDS CONTAINS ENTRIES WITH OWN TATFDB
		..1.		JCTCIPRE	"X'20'" - JOB HAS COMPLETED MVS C/I & PRESCAN SUCCESSFULLY, ONLY POSTCAN MUST BE PERFORMED
		...1		JCTRF410	"X'10'" - RESERVED FLAG
		.... 1...		JCTVSREQ	"X'08'" - JOB IS V=R
		.... .1..		JCTJRNL	"X'04'" - JOB REQUIRES JOURNAL
		.... ..1.		JCTDSEL	"X'02'" - DEMAND SELECT JOB
		1		JCTNOJLG	"X'01'" JESMSGLG logging suppressed
342	(156)	BITSTRING	1	JCTFL5	FLAG BYTE
				Comment	

		DEFINITION OF JCTFL5			

				End of Comment	
		1...		JCTFAIL	"X'80'" FLUSH JOB AFTER CI
		.1..		JCTFREEZ	"X'40'" DO NOT ACCESS DATA IN THIS JCT

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..1.		JCTMSTSO	"X'20'" MVS TSO JOB (JOB IS A TSO LOGON IF JCTFL4=JCTDSEL)
		...1		JCTCANCL	"X'10'" JOB CANCELED BY OPERATOR
		.... 1...		JCTCANCP	"X'08'" JOB CANC. BY OPR. WITH PRINT
		.... .1..		JCTMGRSV	"X'04'" MSGCLASS IS RESERVED CLASS
		.... ..1.		JCTLREGN	"X'02'" LREGION SPEC'D ON MAIN CARD
		1		JCTRQJID	"X'01'" REQUEST JOB ID JOB
343	(157)	BITSTRING	1	JCTFL6	FLAG BYTE

Comment

DEFINITION OF JCTFL6

End of Comment

		1...		JCTDEL	"X'80'" THIS JOB DELETE ONLY
		.1..		JCTCANCO	"X'40'" JOB CANCELED WITH OUTPUT
		..1.		JCTCANUR	"X'20'" JOB CANCELED BY USER
		...1		JCTPURGP	"X'10'" Purge Partial output
		.... 1...		JCTDSIPL	"X'08'" DEM. SEL. JOB IPLED OFF
		.... .1..		JCTRF604	"X'04'" Reserved flag
		.... ..1.		JCTDSPOP	"X'02'" DSP CALLED BY OPERATOR $$$$ OR INTERNALLY BY JES3
		1		JCTDSPAB	"X'01'" DSP TERMINATED BY FAILSOFT
344	(158)	BITSTRING	1	JCTFL7	FLAG BYTE

Comment

DEFINITION OF JCTFL7

End of Comment

		1...		JCTDJNOT	"X'80'" THIS JOB CANNOT BE DJ'ED
		.1..		JCTDJED	"X'40'" THIS JOB HAS BEEN DJ'ED 1
		..1.		JCTUSRJB	"X'20'" USERID IS THE UNDEFINED USER
		...1		JCTDJMA	"X'10'" DJ:MAIN SE ACTIVE $$$$
		.... 1...		JCTSPHLD	"X'08'" SPOOL HOLD FLAG
		.... .1..		JCTLVSET	"X'04'" JCT LEVEL INDICATOR SET 0518
		.... ..1.		JCTSBOWN	"X'02'" 0 => JOB OWNER FROM JOBCARD OR PROPAGATED FROM SUBMITTOR 1 => USE SUBMITTOR AS OWNER (MAY BE / MAIN USER=)
		1		JCTCTOKN	"X'01'" Job contains at least one dataset with a client token therefore JES3 can issue job change notifications relating to this job
345	(159)	BITSTRING	1	JCTFL8	FLAG BYTE

Comment

DEFINITION OF JCTFL8

End of Comment

		1...		JCTNOTFY	"X'80'" NOTIFY USER
		.1..		JCTDYNOT	"X'40'" JOB USES DYNAMIC OUTPUT 0355
		..1.		JCTSAPI	"X'20'" Job is a SAPI application
		...1		JCTPURG	"X'10'" PURGE COMPLETE
		.... 1...		JCTNTCAN	"X'08'" USER NOTIFIED OP CANCEL $$$$
		.... .1..		JCTNCHNG	"X'04'" JCT not changed. This flag 0006 may only be set by R/W 0006 callers!!! 0006
		.... ..1.		JCTWERR	"X'02'" WRITE ERROR HAS OCCURRED
		1		JCTJFAIL	"X'01'" JOB FAILED INDICATOR 1

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
346	(15A)	BITSTRING	1	JCTFL9	FLAG BYTE
					Comment

					DEFINITION OF JCTFL9

					End of Comment
		1...		JCTRF980	"X'80'" Reserved flag
		.1..		JCTBDTSS	"X'40'" JOB IS A BDT SUBSYSTEM
		..1.		JCTFSSWK	"X'20'" JOB CONTAINS FSS WORK
		...1		JCTNJESN	"X'10'" JOB CONTAINS SNA/NJE WORK
		.... 1...		JCTNEWAV	"X'08'" NEWLY AVAILABLE FROM SPOOL 0036
		.... .1..		JCTXMIT	"X'04'" JOB CONTAINS XMIT STATEMENT 0253
		.... ..1.		JCTPURGA	"X'02'" PURGE IN PROGRESS
		1		JCTJOBTK	"X'01'" 0 - TOKEN IN JCTTOKEN 0465 REPRESENTS THE JOB 0465 SUBMITTOR 0465 1 - TOKEN IN JCTTOKEN 0465 REPRESENTS THE JOB 0465 OWNER 0465
347	(15B)	BITSTRING	1	JCTFSFLG	FSS STATUS FLAG BYTE
					Comment

					DEFINITION OF JCTFSFLG

					End of Comment
		1...		JCTFSS	"X'80'" JOB RUNS AS AN FSS ADDR SPACE
348	(15C)	SIGNED	4	JCTWCT	WRITE ITERATION COUNT
352	(160)	SIGNED	4	JCTTOD	TOD JCT ADDED TO THIS PRTY
					Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
     Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT Name: IATYCNDB
      --based variable for storage mapping
```

```
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
     contains information related to the destination that
     messages should be sent to. This control block is built
     as commands are entered into to the system and is used by
     command processors as a destination for where to return
     messages to. The control block is imbeded in other
     control blocks and the size of the data area must not
     change (otherwise a JES3 cold start is required). The
     data is referenced by non-source maintained modules, so
     offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbeded within other control blocks
02 Serialization: none
01 EXTERNAL CLASSIFICATION: DMTI
01 END OF EXTERNAL CLASSIFICATION:
01 Distribution Library: AJES3MAC
01 Method Of access:
02 ASM: IATYCNDB
02 PLX: %INCLUDE SYSLIB(IATYCNDB)
01 CHANGE ACTIVITY:
   $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
   $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
    CASE/390 - VERSION 49
 END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
356	(164)	SIGNED	4	JCTCNDB (0)	IATYCNDB.27: based variable for storage mapping
356	(164)	SIGNED	4		Four byte console id 0176
360	(168)	CHARACTER	4		IATYCNDB eyecatcher
364	(16C)	ADDRESS	4		IATYCNDB version
368	(170)	BITSTRING	8		Reserved for development
376	(178)	BITSTRING	8		Console Name 0176
384	(180)	BITSTRING	24		Reserved for development
408	(198)	SIGNED	2		Reserved for development
410	(19A)	BITSTRING	40		Reserved for development
450	(1C2)	SIGNED	2	JCTRSVS1	RESERVED FOR SERVICE
452	(1C4)	CHARACTER	8	JCTSPNM	SPOOL PARTITION NAME
460	(1CC)	BITSTRING	1	JCTTRKG1	PRIMARY TRK GRP ALLOCATION
461	(1CD)	BITSTRING	1	JCTTRKG2	SECONDARY TRK GRP ALLOCATION
462	(1CE)	SIGNED	2	JCTSPNDX	SPOOL PARTITION INDEX
464	(1D0)	BITSTRING	4	JCTRSVD4	Reserved for development
468	(1D4)	SIGNED	4	JCTACTL	ACTUAL LINE COUNT
472	(1D8)	SIGNED	4	JCTACTB	ACTUAL BYTE COUNT
476	(1DC)	SIGNED	4	JCTACTP	ACTUAL PAGE COUNT
480	(1E0)	SIGNED	2	JCTACTC	ACTL CARDS OFF MAIN DIV BY 8

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
482	(1E2)	SIGNED	2	JCTRSVD1	RESERVED FOR DEVELOPMENT
484	(1E4)	SIGNED	4	JCTMSPEC	MAIN MASK FROM / MAIN CD SET BY ISMN
488	(1E8)	SIGNED	4	JCTRSVS2	RESERVED FOR SERVICE
492	(1EC)	BITSTRING	6	JCTSCHSP	SMS SCHEDULING INFORMATION SPOOL ADDRESS
498	(1F2)	SIGNED	2	JCTRSVDH	RESERVED FOR DEVELOPMENT
500	(1F4)	SIGNED	2	JCTRSVD2	RESERVED FOR DEVELOPMENT 0081
502	(1F6)	BITSTRING	3	JCTREGFS	FIRST STEP REGION SIZE 0081
505	(1F9)	BITSTRING	3	JCTREGLG	LARGEST STEP REGION SIZE 0081
508	(1FC)	SIGNED	4	JCTRSVU2 (7)	*** AVAILABLE FOR USER
536	(218)	SIGNED	4	JCTTODA	TOD JOB FIRST ADDED TO QUEUE
540	(21C)	CHARACTER	8	JCTORG2	- SECONDARY ORIGIN
548	(224)	CHARACTER	1	JCTORGQ	- ORIGIN QUALIFIER
549	(225)	BITSTRING	1	JCTNJEF1	NJE JOB FLAG
		1...		JCTNJESO	"X'80'" NJE SYSOUT JOB
		.1..		JCTNJESF	"X'40'" NJE SF FLAG
550	(226)	CHARACTER	2	JCTRSCL2	RESERVED FOR NJE 0509
552	(228)	SIGNED	4	JCTFEND0 (0)	End of version 0 fixed area

Comment

Start of information added in version 1 JCT.

End of Comment

552	(228)	CHARACTER	16	JCTSCHEN	Scheduling environment
568	(238)	CHARACTER	3	JCTPERFM	PERFORM parameter from the JOB statement
571	(23B)	BITSTRING	1	JCTRSVD5	Reserved for development
572	(23C)	CHARACTER	8	JCTSRVCL	Service class name
580	(244)	SIGNED	4	JCTWLMTK	WLM classification token
584	(248)	SIGNED	4	JCTISEND	End of input service time stamp
588	(24C)	SIGNED	4	JCTMSARV	Main service arrival time stamp (for standard jobs this is the time that the job completes C/I processing)
592	(250)	SIGNED	4	JCTCONVD	Total C/I delay time in clock units
596	(254)	SIGNED	4	JCTOPERD	Total operational delay time in clock units
600	(258)	SIGNED	4	JCTJSCHD	Total JES scheduling delay time in clock units
604	(25C)	SIGNED	4	JCTRSRCD	Total resource delay time in clock units
608	(260)	BITSTRING	4	JCTSRMTK	WLM supplied SRM token

Comment

JCT maximum completion code information, by design,
matches the mapping in the network job trailer.
Consult NJE Formats and Protocols before adding a
new type.

End of Comment

612	(264)	BITSTRING	4	JCTMAXRC (0)	--+ Maximum Job Return Code
612	(264)	BITSTRING	1	JCTMXIND	| Job completion indicator
		1...		JCTMXAB	"X'80'" | Abend code exists
		.1..		JCTMXCDE	"X'40'" | Condition code exists
612	(264)	X'0'	0	JCTMXUNK	"0" | No completion info
612	(264)	X'1'	0	JCTMXNRM	"1" | Job ended normally +
612	(264)	X'2'	0	JCTMXCC	"2" | Job ended by CC +
612	(264)	X'3'	0	JCTMXJCL	"3" | Job had a JCL error
612	(264)	X'4'	0	JCTMXCAN	"4" | Job was canceled
612	(264)	X'5'	0	JCTMXABN	"5" | Job ABENDed +
612	(264)	X'6'	0	JCTMXCAB	"6" | Converter ABENDed
612	(264)	X'7'	0	JCTMXSEC	"7" | Security error
612	(264)	X'8'	0	JCTMXEOM	"8" | Job failed in EOM +
613	(265)	BITSTRING	3	JCTMAXCC	--+ Completion code (set for '+' conditions)
616	(268)	BITSTRING	52	JCTRSVD3	Reserved for development

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
668	(29C)	SIGNED	4	JCTFEND (0)	End of fixed area
668	(29C)	SIGNED	4	JCTFEND1 (0)	End of version 1 fixed area
668	(29C)	BITSTRING	1	JCTFSIZE (0)	Size of fixed area=L'JCTFSIZE JCTFSIZE and JCTFEND-JCTSTART should only be used in creating a JCT entry. To advance to the SE array, add JCTFIXL to a register pointing to JCTSTART.

Comment

Migration sizes are to be used only by the IATUTJCT utility. Each migration size is defined by the label JCTMIGAB where A is the old version in VOLVERNO, B is the new version, and JCTFSIZA is the size of the fixed section at version A. If a new version N of the JCT is created, add the definition for the fixed size JCTFSIZM and the migration sizes JCTMIGNM for all M from 0 to N. Also add an entry to the migration table in IATUTJEE. Move JCTFEND so that it is the same offset as the most recently added JCTFENDN (corresponding to JCTFSIZN).

End of Comment

668	(29C)	X'228'	0	JCTFSIZ0	"JCTFEND0-JCTSTART" Size of version 0 fixed area
668	(29C)	X'29C'	0	JCTFSIZ1	"JCTFEND1-JCTSTART" Size of version 1 fixed area
668	(29C)	X'74'	0	JCTMIG01	"JCTFEND1-JCTFEND0" Migration size from V0-V1

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SESTART	
0	(0)	BITSTRING	1	SEFLAGS	- FLAG BYTE

Comment

DEFINITION OF SEFLAGS

End of Comment

		1...		SECOMP	"X'80'" - SE COMPLETE
		.1..		SEACTIVE	"X'40'" - SE ACTIVE
		..1.		SERESCH	"X'20'" - SE RETURNED FOR RESCHEDULING
		...1		SERESERV	"X'10'" - Reserved flag
		.... 1...		SEISTART	"X'08'" - SE STARTS THE ITERATION
		.... .1..		SEIEND	"X'04'" - SE ENDS THE ITERATION
		.... ..1.		SEIPASS	"X'02'" - SE NOT SCHED DURING ITERATION
		1		SEDSPAB	"X'01'" DSP TERMINATED BY FAILSOFT
1	(1)	BITSTRING	1	SEFLAG1	- FLAG BYTE

Comment

DEFINITION OF SEFLAG1

End of Comment

2	(2)	BITSTRING	1	SESEQNO	- SE SEQUENCE NUMBER
3	(3)	BITSTRING	1	SEDSPNO	- DSP NUMBER
4	(4)	SIGNED	4	SEEND (0)	- END OF SE
4	(4)	BITSTRING	1	SESIZE (0)	-SIZE OF SE = L'SESIZE

IATYJCT Cross Reference

Name	Hex Offset	Hex Value
JCTACTB	1D8	
JCTACTC	1E0	
JCTACTL	1D4	
JCTACTP	1DC	
JCTAPPC	153	80
JCTARMGR	13A	13A
JCTARMH	153	10
JCTARMR	153	40
JCTATJDS	155	40
JCTBDTSS	15A	40
JCTCANCL	156	10
JCTCANCO	157	40
JCTCANCP	156	8
JCTCANUR	157	20
JCTCIERR	126	
JCTCIPRE	155	20
JCTCNDB	164	
JCTCONVD	250	
JCTCPTYP	93	
JCTCTOKN	158	1
JCTDEL	157	80
JCTDJACT	152	2
JCTDJAID	151	40
JCTDJCHG	150	4
JCTDJCIR	151	80
JCTDJCNH	150	20
JCTDJCOH	150	40
JCTDJCRQ	150	1
JCTDJED	158	40
JCTDJFL1	150	
JCTDJFL2	151	
JCTDJHLD	150	8
JCTDJJOB	150	80
JCTDJMA	158	10
JCTDJNET	13A	
JCTDJNOT	158	80
JCTDJRQB	150	2
JCTDSEL	155	2
JCTDSEUF	154	20
JCTDSIPL	157	8
JCTDSPAB	157	1
JCTDSPCN	154	8
JCTDSPOP	157	2
JCTDYNOT	159	40
JCTFAIL	156	80
JCTFDTAT	CC	
JCTFEND	29C	
JCTFEND0	228	
JCTFEND1	29C	
JCTFIXL	6	
JCTFL1	152	
JCTFL2	153	
JCTFL3	154	
JCTFL4	155	
JCTFL5	156	
JCTFL6	157	
JCTFL7	158	
JCTFL8	159	
JCTFL9	15A	
JCTFREEZ	156	40
JCTFSAID	AE	
JCTFSFLG	15B	
JCTFSID	AC	
JCTFSIZE	29C	
JCTFSIZ0	29C	228
JCTFSIZ1	29C	29C
JCTFSS	15B	80
JCTFSSID	AC	
JCTFSSWK	15A	20
JCTGPORG	12A	
JCTID	0	
JCTIHOLD	152	20
JCTIOHGH	154	2
JCTIOLOW	154	1
JCTIOMED	154	4
JCTISEND	248	
JCTISRF	152	1
JCTITER	152	40
JCTJBNAM	10	
JCTJDFDB	C0	
JCTJDSFD	E8	
JCTJFAIL	159	1
JCTJMRFD	100	
JCTJOB	A	
JCTJOBTK	15A	1
JCTJRNL	155	4
JCTJSCHD	258	
JCTLEVEL	149	
JCTLEV01	149	1
JCTLREGN	156	2
JCTLRL10	153	1
JCTLVSET	158	4
JCTMAINS	A8	
JCTMAXB	98	
JCTMAXC	A0	
JCTMAXCC	265	
JCTMAXL	94	
JCTMAXP	9C	
JCTMAXRC	264	
JCTMGRSV	156	4
JCTMIG01	29C	74
JCTMSARV	24C	
JCTMSPEC	1E4	0
JCTMSTSO	156	20
JCTMVTSZ	A4	
JCTMXAB	264	80
JCTMXABN	264	5
JCTMXCAB	264	6
JCTMXCAN	264	4
JCTMXCC	264	2
JCTMXCDE	264	40
JCTMXEOM	264	8
JCTMXIND	264	
JCTMXJCL	264	3
JCTMXNRM	264	1
JCTMXSEC	264	7
JCTMXUNK	264	0
JCTNCHNG	159	4
JCTNEWAV	15A	8
JCTNJEF1	225	0
JCTNJESF	225	40
JCTNJESN	15A	10
JCTNJESO	225	80
JCTNJFLG	14F	
JCTNODE	78	
JCTNOJLG	155	1

IATYJCT Cross Reference

Name	Hex Offset	Hex Value
JCTNOSES	90	
JCTNOSPN	148	8
JCTNOTFY	159	80
JCTNSTEP	91	
JCTNTCAN	159	8
JCTOGRJP	154	80
JCTOPERD	254	
JCTOPHLD	152	80
JCTORGQ	224	
JCTORG2	21C	
JCTOSEFD	F4	
JCTOUSID	18	
JCTPERFM	238	
JCTPFSAI	B2	
JCTPFSID	B0	
JCTPFSSI	B0	
JCTPOE	80	
JCTPROC	124	
JCTPRTY	92	
JCTPURG	159	10
JCTPURGA	15A	2
JCTPURGP	157	10
JCTREGFS	1F6	
JCTREGLG	1F9	
JCTRESS	142	
JCTRESU	14A	
JCTRF202	153	2
JCTRF204	153	4
JCTRF220	153	20
JCTRF410	155	10
JCTRF604	157	4
JCTRF980	15A	80
JCTRQJID	156	1
JCTRSCL2	226	
JCTRSRCD	25C	
JCTRSVDD	B4	
JCTRSVDH	1F2	0
JCTRSVDS	B8	
JCTRSVDU	BC	
JCTRSVD1	1E2	
JCTRSVD2	1F4	
JCTRSVD3	268	
JCTRSVD4	1D0	
JCTRSVD5	23B	
JCTRSVH2	E	
JCTRSVS1	1C2	0
JCTRSVS2	1E8	
JCTRSVU2	1FC	
JCTSAPI	159	20
JCTSBOWN	158	2
JCTSCHCL	132	
JCTSCHEN	228	
JCTSCHSP	1EC	0
JCTSCREF	152	4
JCTSECBL	88	
JCTSETUP	152	8
JCTSLINE	148	10
JCTSPFLG	148	
JCTSPHLD	158	8
JCTSPIN	148	80
JCTSPNDX	1CE	
JCTSPNJN	153	8
JCTSPNM	1C4	
JCTSPVLU	144	
JCTSRMTK	260	
JCTSRVCL	23C	
JCTSRVCM	154	10
JCTSRVUP	154	40
JCTSTART	0	
JCTSTIMD	148	20
JCTSTIMI	148	40
JCTSUDAO	155	80
JCTSUFDB	10C	
JCTSUPRS	148	4
JCTSYSB	14E	1
JCTSYSJ	14E	4
JCTSYSR	14E	2
JCTSYSTM	14E	
JCTTHOLD	152	10
JCTTOD	160	0
JCTTODA	218	
JCTTOKEN	28	
JCTTOTL	4	
JCTTRKG1	1CC	
JCTTRKG2	1CD	
JCTTUSID	20	
JCTUPDTE	118	
JCTUSRJB	158	20
JCTVARL	8	
JCTVSREQ	155	8
JCTVSR1	14D	
JCTVS2SZ	A6	
JCTWARNI	A2	
JCTWCT	15C	0
JCTWERR	159	2
JCTWLMTK	244	
JCTXMIT	15A	4
SEACTIVE	0	40
SECOMP	0	80
SEDSPAB	0	1
SEDSPNO	3	
SEEND	4	
SEFLAGS	0	
SEFLAG1	1	
SEIEND	0	4
SEIPASS	0	2
SEISTART	0	8
SERESCH	0	20
SERESERV	0	10
SESEQNO	2	
SESIZE	4	
SESTART	0	

IATYJDA Programming Interface information

Programming Interface information

IATYJDA

The following field is **NOT** programming interface information:

- JDABCNDB

End of Programming Interface information

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IATYJDA Heading Information

Common Name: Job Data Accounting Block
Macro ID: IATYJDA
DSECT Name: JDABSTRT, JDABNTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JDAB
Offset: 8
Length: 4
Storage Attributes: Main Storage: JSAM Buffer
Auxiliary Storage: JES3 Spool
Key: Key 1 (JESKEY)
Residency: Any
Size: JDABFSIZ (size of fixed area)
JDABVSIZ (size of variable area)
Created by: IATGRCD, IATISCD
Pointed to by: JCTJDFDB in IATYJCT
JVWJDAB in IATYJVW
RQJDBFDB in IATYRSQ
Serialization: None
Function: Define the job, its data sets, and associated processing parameters.

IATYJDA Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	JDABSTRT	
0	(0)	BITSTRING	6	JDABTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JDABCNT	USER COUNT.
8	(8)	CHARACTER	4	JDABID	FILE ID.
12	(C)	BITSTRING	12	JDABCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JDABVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JDABDATA (0)	START OF USER DATA AREA.
28	(1C)	BITSTRING	1		RESERVED FOR JES3
29	(1D)	BITSTRING	1	JDABJFLG	FLAG
		1...		JDABJRST	"X'80'" JOB WAS JES3 RESTRTD ON MAIN
		.1..		JDABOASP	"X'40'" JOB ORIGIN IS ASP SYSTEM
		..1.		JDABT1MS	"X'20'" PRIM TRK GRPS ASSIGNED BY MSMS
		...1		JDABT2MS	"X'10'" 2NDRY TRK GRPS ASSIGNED BY MSMS
		.... 1...		JDABSPMS	"X'08'" SPART ASSIGNED BY MSMS
		.... .1..		JDABTJBT	"X'04'" TEMP TAT FDB FOR RDR CHKPT 2684
		.... ..1.		JDABSYMT	"X'02'" JOB IS ARM-RESTART, INITIAL 0038 SYMBOL TABLE AVAILABLE 0038
30	(1E)	SIGNED	2	JDABTOTL	- LENGTH OF ENTIRE JDAB - WITH ALL SES
32	(20)	BITSTRING	12	JDABJDS	- FDB OF JDS FOR THIS JOB 1
44	(2C)	BITSTRING	28	JDABRTAT	- FDB OF READER CHECKPOINT TAT
72	(48)	SIGNED	2	JDABFIXL	- LENGTH OF FIXED PORTION

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description

Comment

```
     IATYCNDB DSECT=NO CONSOLE ORIGIN INFORMATION
                      FOR THIS JOB
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
     Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT Name: IATYCNDB
      --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
     contains information related to the destination that
     messages should be sent to. This control block is built
     as commands are entered into to the system and is used by
     command processors as a destination for where to return
     messages to. The control block is imbeded in other
     control blocks and the size of the data area must not
     change (otherwise a JES3 cold start is required). The
     data is referenced by non-source maintained modules, so
     offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbeded within other control blocks
02 Serialization: none
01 EXTERNAL CLASSIFICATION: DMTI
01 END OF EXTERNAL CLASSIFICATION:
01 Distribution Library: AJES3MAC
01 Method Of access:
02 ASM: IATYCNDB
```

```
  02 PLX: %INCLUDE SYSLIB(IATYCNDB)
  01 CHANGE ACTIVITY:
     $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
     $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
 %
```

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
76	(4C)	SIGNED	4	JDABCNDB (0)	IATYCNDB.27: based variable for storage mapping
76	(4C)	SIGNED	4		Four byte console id 0176
80	(50)	CHARACTER	4		IATYCNDB eyecatcher
84	(54)	ADDRESS	4		IATYCNDB version
88	(58)	BITSTRING	8		Reserved for development
96	(60)	BITSTRING	8		Console Name 0176
104	(68)	BITSTRING	24		Reserved for development
128	(80)	SIGNED	2		Reserved for development
130	(82)	BITSTRING	40		Reserved for development
172	(AC)	SIGNED	4	JDABJNUM	JOB NUMBER THIS JOB (CHAR)
176	(B0)	SIGNED	2	JDABSTMT	- LAST OUTPUT STMT NR THIS JOB
178	(B2)	SIGNED	2	JDABRSVH	- RESERVED FOR DEVELOPMENT
180	(B4)	CHARACTER	8	JDABJNAM	- JOB NAME THIS JOB
188	(BC)	CHARACTER	8	JDABJDVT	- JDVT NAME
196	(C4)	CHARACTER	8	JDABORG	- JOB ORIGIN THIS JOB
204	(CC)	CHARACTER	8	JDABACMN	- ACMAIN NAME FROM TSO

Comment

```
-------------------------------------------------------------
        NJE QUALIFIED NAMES OF USERS ASSOCIATED
        WITH THE JOB
-------------------------------------------------------------
```

End of Comment

212	(D4)	CHARACTER	8	JDABSNOD	SUBMITTOR NODE NAME
220	(DC)	CHARACTER	8	JDABSUSR	SUBMITTOR USERID 0322
228	(E4)	CHARACTER	8	JDABONOD	JOB OWNER NODE NAME
236	(EC)	CHARACTER	8	JDABOUSR	JOB OWNER USERID
236	(EC)	X'EC'	0	JDABRACU	"JDABOUSR,8" (FOR COMPATABILITY PURPOSES)
244	(F4)	CHARACTER	8	JDABOGRP	JOB OWNER GROUP NAME
244	(F4)	X'F4'	0	JDABRACG	"JDABOGRP,8" (FOR COMPATABILITY PURPOSES)
252	(FC)	CHARACTER	8	JDABRNOD	REPORT TO NODE NAME
260	(104)	CHARACTER	8	JDABRUSR	REPORT TO USERID
268	(10C)	CHARACTER	8	JDABWTR	- SAVED JNAME USED TO RESTART FSS HOT WTRS AFTER HOT START
276	(114)	CHARACTER	8	JDABNTID	- DJC JOB-NET NET-ID
284	(11C)	CHARACTER	8	JDABMNAM	- MAIN NAME FOR THIS JOB
292	(124)	SIGNED	4	JDABMAIN	- MAIN INDEX FOR THIS JOB
296	(128)	SIGNED	4	JDABMAXC	- JOB CARDS ESTIMATE/ACTUAL
300	(12C)	SIGNED	4	JDABMAXL	- JOB LINES ESTIMATE/ACTUAL
304	(130)	SIGNED	4	JDABMAXB	- JOB BYTES ESTIMATE/ACTUAL
308	(134)	SIGNED	4	JDABMAXP	- JOB PAGES ESTIMATE/ACTUAL
312	(138)	BITSTRING	1	JDABOSFD	- FDB FOR OUTPUT SERVICE FRPS

Comment

```
-------------------------------------------------------------
      JDABBUFN, JDABOFST CONTAIN STATUS OF OSES FOR
      THOSE SCHEDULED BY EXTERNAL WRITERS
-------------------------------------------------------------
```

End of Comment

324	(144)	BITSTRING	2	JDABBUFN	OSE BUFFER NBR FOR XWTR OSE
326	(146)	BITSTRING	2	JDABOFST	OSE OFFSET NBR FOR XWTR OSE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
328	(148)	SIGNED	2	JDABJOBC	Compatible with JDABJOBS - see IATXJBNO macro
330	(14A)	SIGNED	2	JDABSPNX	- SPOOL PARTITION INDEX
332	(14C)	BITSTRING	1	JDABTKG1	- PRIMARY TRACK GROUPS
333	(14D)	BITSTRING	1	JDABTKG2	- 2NDARY TRACK GROUPS
334	(14E)	BITSTRING	1	JDABFLG1	- FLAGS

Comment

DEFINITION OF JDABFLG1

End of Comment

		1...		JDABFAIL	"X'80'" - JOB IS TO BE FAILED AFTER RICONTL
		.1..		JDABDEDL	"X'40'" - JOB IS DEADLINE SCHEDULED
		..1.		JDABMPOF	"X'20'" - JOB IS NOW OFF MAIN
		...1		JDABMPAC	"X'10'" - JOB IS NOW ACTIVE ON MAIN
		.... 1...		JDABACMF	"X'08'" - ACMAIN SPECIFIED EXPLICITLY
		.... .1..		JDABCI	"X'04'" - JOB HAS C/I SE
		.... ..1.		JDABNORS	"X'02'" - JOB IS NOT RESTARTABLE ON MAIN
		1		JDABITER	"X'01'" - ITERATION FLAG FOR PRINT
335	(14F)	BITSTRING	1	JDABFLG2	- FLAGS

Comment

DEFINITION OF JDABFLG2

End of Comment

		1...		JDABINTW	"X'80'" - INTRDR wait flag
		.1..		JDABNSMF	"X'40'" DONT CREATE SMF RECORD
		..1.		JDABDJNS	"X'20'" - THIS IS A NON-STANDARD DJC JOB
		...1		JDABRNGC	"X'10'" RINGCHK = NO
		.... 1...		JDABR208	"X'08'" - Reserved flag
		.... .1..		JDABR204	"X'04'" - Reserved flag
		.... ..1.		JDABOTSO	"X'02'" - JOB ORIGINATED FROM TSO OR 0009 THE JOB THAT SUBMITTED THIS 0009 JOB VIA THE INTRDR HAS A 0009 USERID ASSOCIATED WITH IT 0009 (E.G. *MAIN USERID=) 0009
		1		JDABR201	"X'01'" - Reserved flag
336	(150)	BITSTRING	1	JDABFLG3	- FLAGS

Comment

DEFINITION OF JDABFLG3

End of Comment

		1...		JDABORJP	"X'80'" - INPUT FROM RJP TERMINAL
		.1..		JDABOIJP	"X'40'" - JOB ORIGIN IS IJP
		..1.		JDABNOXP	"X'20'" BYPASS EXPDT CHECK
		...1		JDABJRNL	"X'10'" JOB HAS JOURNAL DATA SET
		.... 1...		JDABVRFY	"X'08'" PASSWORD VERIFICATION NOT REQUIRED
		.... .1..		JDABENCP	"X'04'" PASSWORDS ARE ENCRYPTED
		.... ..1.		JDABSWLM	"X'02'" Job was selected by a managed initiator
337	(151)	BITSTRING	1	JDABFLG4	- FLAGS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		Comment			

		DEFINITION OF JDABFLG4			

		End of Comment			
		1...		JDABCNCL	"X'80'" - FAILURE OPTION IS CANCEL
		.1..		JDABHOLD	"X'40'" - FAILURE OPTION IS HOLD
		..1.		JDABPRNT	"X'20'" - FAILURE OPTION IS PRINT THEN HOLD
		...1		JDABRSRT	"X'10'" - FAILURE OPTION IS RESTART
		.... 1...		JDABCKPT	"X'08'" - JOBSTEP OPTION IS CHECKPOINT
		.... .1..		JDABSCAN	"X'04'" - JOB CARD HAD TYPRUN=SCAN
		.... ..1.		JDABRBT2	"X'02'" - UNUSED
		1		JDABCDSP	"X'01'" - DSP CREATED BY CALLDSP
338	(152)	BITSTRING	1	JDABLIMF	LIMIT FLAGS
		Comment			

		DEFINITION OF JDABLIMF			

		End of Comment			
		1...		JDABCANB	"X'80'" CANCEL JOB ON MAX BYTES
		.1..		JDABDMPB	"X'40'" CANCEL JOB WITH DUMP ON MAX BYTES
		..1.		JDABCANP	"X'20'" CANCEL JOB ON MAX PAGES
		...1		JDABDMPP	"X'10'" CANCEL JOB WITH DUMP ON MAX PAGES
		.... 1...		JDABCANC	"X'08'" - CANCEL JOB ON MAX CARDS
		.... .1..		JDABDMPC	"X'04'" - CANCEL JOB WITH DUMP ON MAX CARDS
		.... ..1.		JDABCANL	"X'02'" - CANCEL JOB ON MAX LINES
		1		JDABDMPL	"X'01'" - CANCEL JOB WITH DUMP ON MAX LINES
340	(154)	SIGNED	2	JDABRSV1	RESERVED FOR DEVELOPMENT
342	(156)	CHARACTER	2	JDABPMID	- PARM ID FOR C/I
344	(158)	BITSTRING	1	JDABRSV5	Reserved for development
345	(159)	BITSTRING	7	JDABFUSE	- AVAILABLE TO USER
352	(160)	CHARACTER	2	JDABPROC	- PRIVATE PROC FOR THIS JOB
354	(162)	CHARACTER	3	JDABPERF	- PERFORMANCE GROUP FROM JOBCD
357	(165)	BITSTRING	1	JDABRFLG	- RESTART FLAG
		Comment			

		DEFINITION OF JDABRFLG			
		THIS BYTE CORRESPONDS TO DEFINITION OF BYTE			
		SSJSFLG1 IN SSOB FOR JOB SELECT			

		End of Comment			
		1...		JDABRSR	"X'80'" - STEP RESTART
		.1..		JDABRCR	"X'40'" - CHECKPOINT RESTART
		..1.		JDABRCN	"X'20'" - CONTINUE RESTART
		...1		JDABRJQ	"X'10'" - PUT JOB IN HOLD
		.... 1...		JDABWARM	"X'08'" - WARMSTART JOB
358	(166)	CHARACTER	80	JDABJBCD	- // JOB CARD
438	(1B6)	BITSTRING	12	JDABJMR	- JOB'S JMR FDB
450	(1C2)	BITSTRING	12	JDABOSE	- OUTPUT SCHED ELEMENT FDB
462	(1CE)	CHARACTER	2	JDABRVD1	- RESERVED FOR DEVELOPMENT
464	(1D0)	CHARACTER	7	JDABNTFY	NOTIFY USER ID FROM JOB CARD
471	(1D7)	BITSTRING	1	JDABFLG5	FLAG5

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- DEFINITIONS FOR JDABFLG5 ----------
					End of Comment
		1...		JDABDLJB	"X'80'" JOB IS A DEADLINE JOB
472	(1D8)	SIGNED	2	JDABSTEP	- RESTART STEP NUMBER
476	(1DC)	SIGNED	4	JDABACTL	- ACTUAL LINES FOR RESTART
480	(1E0)	SIGNED	4	JDABACTC	- ACTUAL CARDS FOR RESTART
484	(1E4)	SIGNED	4	JDABACTB	- ACTUAL BYTES FOR RESTART
488	(1E8)	SIGNED	4	JDABACTP	- ACTUAL PAGES FOR RESTART
492	(1EC)	BITSTRING	9	JDABCPWD (0)	CURRENT LENGTH/PASSWORD
492	(1EC)	BITSTRING	1	JDABCPLN	CURRENT PASSWORD LENGTH
493	(1ED)	BITSTRING	8	JDABCPAS	CURRENT PASSWORD
501	(1F5)	BITSTRING	9	JDABNPWD (0)	NEW LENGTH/PASSWORD
501	(1F5)	BITSTRING	1	JDABNPLN	NEW PASSWORD LENGTH
502	(1F6)	BITSTRING	8	JDABNPAS	NEW PASSWORD
510	(1FE)	SIGNED	2	JDASRVD2	RESERVED FOR DEVELOPMENT
512	(200)	SIGNED	2	JDAWARNI	- WARNING INCRE PERCENTAGE CARDS, LINES, BYTES, PAGES
516	(204)	SIGNED	4	JDABRSS1 (2)	- RESERVED FOR SERVICE
524	(20C)	SIGNED	4	JDABJTOD	TIME LEVEL TIME STAMP 0229
528	(210)	SIGNED	4	JDABRSV2 (4)	RESERVED FOR USER
544	(220)	CHARACTER	8	JDABORG2	- SECONDARY ORIGIN
552	(228)	CHARACTER	1	JDABORGQ	- ORIGIN QUALIFIER
553	(229)	BITSTRING	1	JDABNJE1	- NJE FLAG BYTE
					Comment
					---------- SETTINGS FOR JDABNJE1 ----------
					End of Comment
		1...		JDBNJEHD	"X'80'" - 1) NJE JH AND JT EXIST 0462 2) JOB RECEIVED FROM NJE 0462 NODE, OR REROUTED 0462
		.1..		JDBNJEJB	"X'40'" - JOB IS NJE JOB STREAM 0462
		..1.		JDBNJEOP	"X'20'" - JOB IS NJE SYSOUT STREAM 0462
		...1		JDBNJESF	"X'10'" - JOB IS STORE & FORWARD JOB 0462
		.... 1...		JDBNJEPR	"X'08'" - NJE PRINT DATA SET PRESENT 0462
		.... .1..		JDBNJEPU	"X'04'" - NJE PUNCH DATA SET PRESENT 0462
		.... ..1.		JDBNJEWR	"X'02'" - IATOSNT ACTIVE FOR THIS JOB 0462
		1		JDBNJEMN	"X'01'" MAIN ORG SPECIFIED
554	(22A)	BITSTRING	1	JDABNJE2	NJE FLAG BYTE 2
					Comment
					---------- DEFINITION OF JDABNJE2 ----------
					End of Comment
		1...		JDBNJEWS	"X'80'" IATNTSD SHOULD SIMULATE A D016 WRITER SELECT SAF CALL D016 (WRITER RESOURCE CLASS) TO D016 AUTHORIZE AND AUDIT USER D016 ACCESS TO THE DESTINATION D016 NODE, AND DESTINATION NODE D016 ACCESS TO THE JOB DATA SETS D016
		.1..		JDBNJEWA	"X'40'" IATNTSD SHOULD SIMULATE A D016 WRITER ACCESS SAF CALL D016 (JESSPOOL RESOURCE CLASS) D016 TO AUDIT USER ACCESS TO THE D016 JOB DATA SETS D016

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		JDBNJEPE	"X'20'" PASSWORD(S) ARE ENCRYPTED D016
		...1		JDBNJENP	"X'10'" LOCAL SYSOUT DATA SET(S) D016 SHOULD NOT BE PROCESSED DUE D016 TO SECURITY PRODUCT DENIAL D016
		.... 1...		JDBNJERR	"X'08'" JOB WAS PROCESSED BY THE D016 NJEROUT DSP D016
		.... .1..		JDBNJDPR	"X'04'" NJE Default routing fields are valid for PRINT (NJHGPRTN and NJHGPRTR)
		.... ..1.		JDBNJDPU	"X'02'" NJE Default routing fields are valid for PUNCH (NJHGPUNN and NJHGPUNR)
		1		JDBN2R01	"X'01'" Reserved for Service
555	(22B)	BITSTRING	1	JDABRSV3	- RESERVED FOR DEVELOPMENT 0509
556	(22C)	SIGNED	4	JDABWSEQ	WLM initiator sequence number
560	(230)	SIGNED	4	JDABJOBS	Job number for scheduled OSE
564	(234)	CHARACTER	8	JDABNTND	NOTIFY= NODE NAME 0002
572	(23C)	SIGNED	4	JDABFEND (0)	- MARKS END OF FIXED AREA
572	(23C)	BITSTRING	1	JDABFSIZ (0)	SIZE OF FIXED AREA = L'JDABFSIZ

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JDABNTRY	
0	(0)	BITSTRING	12	JDABPFDB	- PARAMETER FDB OR INDEX TO PARMS IN JDAB
12	(C)	SIGNED	2		- ALIGN TO FULLWORD
14	(E)	BITSTRING	1	JDABSENO	- SCHEDULER ELEMENT NUMBER THIS SE
15	(F)	BITSTRING	1	JDABDSPN	- DSP NUMBER THIS SE
16	(10)	BITSTRING	3	JDABTON	- TIME ON THIS SE
19	(13)	BITSTRING	3	JDABTOF	- TIME OFF THIS SE
22	(16)	SIGNED	2	JDABVARL	- LENGTH OF THIS JDAB ENTRY
24	(18)	SIGNED	4	JDABCDIN	- NUMBER OF CARDS READ
28	(1C)	SIGNED	4	JDABPRNL	- NUMBER OF LINES PRINTED
32	(20)	SIGNED	4	JDABPRNB	- NUMBER OF BYTES PRINTED
36	(24)	SIGNED	4	JDABPRNP	- NUMBER OF PAGES PRINTED
40	(28)	SIGNED	2	JDABPUNC	- NUMBER OF CARDS PUNCHED
42	(2A)	BITSTRING	1	JDABSEF1	- FLAGS

Comment

```
-----------------------------------------------------------------
          DEFINITION OF JDABSEF1
-----------------------------------------------------------------
```

End of Comment

		1...		JDABRDAC	"X'80'" - THIS IS AN ACTIVE READER
		.1..		JDABSEPR	"X'40'" - THIS SE RESULT OF / PROCESS
43	(2B)	BITSTRING	1	JDABSEF2	- FLAGS

Comment

```
-----------------------------------------------------------------
          DEFINITION OF JDABSEF2
-----------------------------------------------------------------
```

End of Comment

44	(2C)	SIGNED	4	JDABACCT	- *** RESERVED FOR ACCOUNTING INFO
48	(30)	SIGNED	4	JDABVJES	- *** RESERVED FOR JES3
52	(34)	SIGNED	4	JDABVUSE	- *** AVAILABLE TO USER
56	(38)	SIGNED	4	JDABVEND (0)	- END OF VARIABLE AREA
56	(38)	BITSTRING	1	JDABVSIZ (0)	SIZE, VARIABLE AREA = L'JDABVSIZ

IATYJDA Cross Reference

Name	Hex Offset	Hex Value
JDABACCT	2C	
JDABACMF	14E	8
JDABACMN	CC	
JDABACTB	1E4	
JDABACTC	1E0	
JDABACTL	1DC	
JDABACTP	1E8	
JDABBUFN	144	
JDABCANB	152	80
JDABCANC	152	8
JDABCANL	152	2
JDABCANP	152	20
JDABCDIN	18	
JDABCDSP	151	1
JDABCHN	C	0
JDABCI	14E	4
JDABCKPT	151	8
JDABCNCL	151	80
JDABCNDB	4C	
JDABCNT	6	0
JDABCPAS	1ED	
JDABCPLN	1EC	
JDABCPWD	1EC	
JDABDATA	1C	
JDABDEDL	14E	40
JDABDJNS	14F	20
JDABDLJB	1D7	80
JDABDMPB	152	40
JDABDMPC	152	4
JDABDMPL	152	1
JDABDMPP	152	10
JDABDSPN	F	
JDABENCP	150	4
JDABFAIL	14E	80
JDABFEND	23C	
JDABFIXL	48	
JDABFLG1	14E	
JDABFLG2	14F	
JDABFLG3	150	
JDABFLG4	151	
JDABFLG5	1D7	
JDABFSIZ	23C	
JDABFUSE	159	
JDABHOLD	151	40
JDABID	8	D1C4C1C2
JDABINTW	14F	80
JDABITER	14E	1
JDABJBCD	166	
JDABJDS	20	
JDABJDVT	BC	
JDABJFLG	1D	
JDABJMR	1B6	
JDABJNAM	B4	
JDABJNUM	AC	
JDABJOBC	148	
JDABJOBS	230	
JDABJRNL	150	10
JDABJRST	1D	80
JDABJTOD	20C	
JDABLIMF	152	
JDABMAIN	124	
JDABMAXB	130	
JDABMAXC	128	
JDABMAXL	12C	
JDABMAXP	134	
JDABMNAM	11C	
JDABMPAC	14E	10
JDABMPOF	14E	20
JDABNJE1	229	
JDABNJE2	22A	
JDABNORS	14E	2
JDABNOXP	150	20
JDABNPAS	1F6	
JDABNPLN	1F5	
JDABNPWD	1F5	
JDABNSMF	14F	40
JDABNTFY	1D0	
JDABNTID	114	
JDABNTND	234	
JDABNTRY	0	
JDABOASP	1D	40
JDABOFST	146	
JDABOGRP	F4	
JDABOIJP	150	40
JDABONOD	E4	
JDABORG	C4	
JDABORGQ	228	
JDABORG2	220	
JDABORJP	150	80
JDABOSE	1C2	
JDABOSFD	138	
JDABOTSO	14F	2
JDABOUSR	EC	
JDABPERF	162	
JDABPFDB	0	
JDABPMID	156	
JDABPRNB	20	
JDABPRNL	1C	
JDABPRNP	24	
JDABPRNT	151	20
JDABPROC	160	
JDABPUNC	28	
JDABRACG	F4	F4
JDABRACU	EC	EC
JDABRBT2	151	2
JDABRCN	165	20
JDABRCR	165	40
JDABRDAC	2A	80
JDABRFLG	165	
JDABRJQ	165	10
JDABRNGC	14F	10
JDABRNOD	FC	
JDABRSR	165	80
JDABRSRT	151	10
JDABRSS1	204	
JDABRSVH	B2	
JDABRSV1	154	
JDABRSV2	210	
JDABRSV3	22B	
JDABRSV5	158	
JDABRTAT	2C	
JDABRUSR	104	
JDABRVD1	1CE	
JDABR201	14F	1
JDABR204	14F	4
JDABR208	14F	8

IATYJDA Cross Reference

Name	Hex Offset	Hex Value
JDABSCAN	151	4
JDABSEF1	2A	
JDABSEF2	2B	
JDABSENO	E	
JDABSEPR	2A	40
JDABSNOD	D4	
JDABSPMS	1D	8
JDABSPNX	14A	
JDABSTEP	1D8	
JDABSTMT	B0	
JDABSTRT	0	
JDABSUSR	DC	
JDABSWLM	150	2
JDABSYMT	1D	2
JDABTJBT	1D	4
JDABTKG1	14C	
JDABTKG2	14D	
JDABTOF	13	
JDABTON	10	
JDABTOTL	1E	
JDABTRK	0	0
JDABT1MS	1D	20
JDABT2MS	1D	10
JDABVARL	16	
JDABVEND	38	
JDABVJES	30	
JDABVLID	18	0
JDABVRFY	150	8
JDABVSIZ	38	
JDABVUSE	34	
JDABWARM	165	8
JDABWSEQ	22C	
JDABWTR	10C	
JDASRVD2	1FE	
JDAWARNI	200	
JDBNJDPR	22A	4
JDBNJDPU	22A	2
JDBNJEHD	229	80
JDBNJEJB	229	40
JDBNJEMN	229	1
JDBNJENP	22A	10
JDBNJEOP	229	20
JDBNJEPE	22A	20
JDBNJEPR	229	8
JDBNJEPU	229	4
JDBNJERR	22A	8
JDBNJESF	229	10
JDBNJEWA	22A	40
JDBNJEWR	229	2
JDBNJEWS	22A	80
JDBN2R01	22A	1

IATYJDE Heading Information

Common Name: JES3 DIRECTORY ELEMENT
Macro ID: IATYJDE
DSECT Name: JDESTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Subpool: Subpool 251
Key: JES Key
Residency: Any
Size: JDESIZE Bytes
Created by: IATGRLD
Pointed to by: TVTJDEQ IN IATYTVT
JDENEXT IN IATYJDE
Serialization: Bit JDELOCK of flag byte JDEFLAG
Function: This data area contains the JES3 directory element.

Operation: JDEs are created out of a block of storage allocated for this purpose. A JDE is defined when the JDENAME field contains a module name. If this field is zero, this JDE entry is available. If this field is 'FF', it indicates the end of the JDE storage block. In this case, the JDEADDR field is the JDE block chain pointer to the next storage block of JDEs. If there are no additional JDE blocks, the JDEADDR field if zero. If the JDENAME field contains a valid module name, and the JDEADDR and JDEBUFAD fields are zero, there is no module loaded for this JDE. The last JDE entry of a 4K block is not usable. It is the linkage to the next JDE block (if any).

IATYJDE Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	JDESTART	
0	(0)	CHARACTER	8	JDENAME	FULL EIGHT CHAR MODULE NAME

Comment

```
-----------------------------------------------------------
      Definition of JDEFLAG.
-----------------------------------------------------------
```

End of Comment

8	(8)	BITSTRING	1	JDEFLAG	FLAG BYTE
		1...		JDERFRSH	"X'80'" REFRESH ON NEXT ALOAD
		.1..		JDEREQNU	"X'40'" CALLER WAITING FOR A NEW MODULE
		..1.		JDENEED0	"X'20'" CALLER NEEDS ZERO USE COUNT
		...1		JDENFREQ	"X'10'" NOT FREQUENTLY USED FLAG DELETE MODULE IF ON REGARDLESS OF THRESHOLD VALUE
		.... 1...		JDELOCK	"X'08'" LOCK TO SERIALIZE THE USE OF JDE
		.... .1..		JDEREUSE	"X'04'" ELEMENT IS REUSEABLE
		.... ..1.		JDECSECT	"X'02'" ELEMENT IS A DATA CSECT
		1		JDENDEL	"X'01'" MODULE NOT DELETABLE

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- Definition of JDEFLAG2. ----------
					End of Comment
9	(9)	BITSTRING	1	JDEFLAG2	FLAG BYTE2
		1...		JDERMODE	"X'80'" RMODE OF MODULE 0 - RMODE = 24 1 - RMODE = ANY
		.1..		JDEBLDL	"X'40'" BLDL SUBTASK CALLED
		..1.		JDELOAD	"X'20'" LOAD SUBTASK CALLED
		...1		JDEAMODE	"X'10'" AMODE OF MODULE 0 - AMODE = 24 1 - AMODE = 31
		.... 1...		JDERETRY	"X'08'" RETRY INDICATOR FOR IATGRLD
		.... .1..		JDECLINP	"X'04'" JDE CLEANUP IS IN PROGRESS (LEFT ON IF CLEANUP ABENDS)
		.... ..1.		JDEREFCM	"X'02'" A *F,X,M=modname,REFRESH command is pending. Delete the module and reset the load count when the module is no longer being used.
		1		JDENUCRF	"X'01'" This JDE represents a JES3 Nuc module that was refreshed via a *F,X,M=modname,REFRESH command
					Comment
					---------- Module information from IATYMOD. ----------
					End of Comment
10	(A)	BITSTRING	1	JDELEN1 (0)	BEGINNING OF MODULE INFO
10	(A)	CHARACTER	8	JDEREL	RELEASE LEVEL 0341
18	(12)	CHARACTER	6	JDEDATE (0)	Date the module assembled
18	(12)	CHARACTER	2	JDEMONTH	Month
20	(14)	CHARACTER	2	JDEDAY	Day
22	(16)	CHARACTER	2	JDEYEAR	Year
24	(18)	CHARACTER	4	JDETIME (0)	Time the module assembled
24	(18)	CHARACTER	2	JDEHOUR	HR - TIME MOD ASSEMBLED
26	(1A)	CHARACTER	2	JDEMIN	MINUTES - " "
28	(1C)	CHARACTER	7	JDEAPAR	MOST RECENT APAR APPLIED
35	(23)	CHARACTER	7	JDEPTF	MOST RECENT PTF APPLIED
42	(2A)	BITSTRING	1	JDELEN2 (0)	END OF MODULE INFO
42	(2A)	BITSTRING	0	JDELENTH (0)	LENGTH OF MODULE INFO
42	(2A)	SIGNED	2	JDERSVD1	RESERVED FOR DEVELOPMENT 0341
44	(2C)	SIGNED	4	JDEADDR	MODULE ORIGIN
48	(30)	SIGNED	4	JDETOD	TOD MODULE OS LOADED
52	(34)	SIGNED	2	JDEUSE	MODULE USE COUNT
54	(36)	SIGNED	2	JDEALDS	TOTAL ALOADS
56	(38)	SIGNED	4	JDEBUFAD	BUFFER ADDR OF MODULE LOCATION
60	(3C)	SIGNED	4	JDEMSIZE	MODULE SIZE IN BYTES
64	(40)	SIGNED	4	JDEFCTP	POINTER TO OWNING FCT
68	(44)	SIGNED	4	JDELRQTM	LAST LOAD REQUEST TOD - TO DETERMINE FREQULENCY OF USE
72	(48)	SIGNED	4	JDELDBLD	ADDR OF LOAD AND BLDL AREA
76	(4C)	SIGNED	2	JDERES	RESIDENT THRESHOLD
78	(4E)	SIGNED	2	JDERSVDV	RESERVED FOR DEVELOPMENT 0341
80	(50)	SIGNED	4	JDERSVSV (2)	RESERVED FOR SERVICE
88	(58)	SIGNED	4	JDERSVUA	RESERVED FOR USER
92	(5C)	SIGNED	4	JDENEXT	NEXT JDE ON HASH QUEUE
96	(60)	ADDRESS	4	JDEPRVEP	Previous entry point of module before it was deleted
100	(64)	SIGNED	4	JDEEND (0)	
100	(64)	BITSTRING	1	JDESIZE (0)	

IATYJDE Cross Reference

Name	Hex Offset	Hex Value
JDEADDR	2C	0
JDEALDS	36	0
JDEAMODE	9	10
JDEAPAR	1C	40404040
JDEBLDL	9	40
JDEBUFAD	38	0
JDECLINP	9	4
JDECSECT	8	2
JDEDATE	12	
JDEDAY	14	4040
JDEEND	64	
JDEFCTP	40	0
JDEFLAG	8	0
JDEFLAG2	9	0
JDEHOUR	18	4040
JDELDBLD	48	0
JDELENTH	2A	
JDELEN1	A	
JDELEN2	2A	
JDELOAD	9	20
JDELOCK	8	8
JDELRQTM	44	0
JDEMIN	1A	4040
JDEMONTH	12	4040
JDEMSIZE	3C	0
JDENAME	0	40404040
JDENDEL	8	1
JDENEED0	8	20
JDENEXT	5C	0
JDENFREQ	8	10
JDENUCRF	9	1
JDEPRVEP	60	
JDEPTF	23	40404040
JDEREFCM	9	2
JDEREL	A	40404040
JDEREQNU	8	40
JDERES	4C	0
JDERETRY	9	8
JDEREUSE	8	4
JDERFRSH	8	80
JDERMODE	9	80
JDERSVDV	4E	0
JDERSVD1	2A	0
JDERSVSV	50	0
JDERSVUA	58	0
JDESIZE	64	
JDESTART	0	
JDETIME	18	
JDETOD	30	0
JDEUSE	34	0
JDEYEAR	16	4040

IATYJDS Programming Interface information

Programming Interface information

IATYJDS

End of Programming Interface information

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IATYJDS Heading Information

Common Name: Job Data Set Control Block
Macro ID: IATYJDS
DSECT Name: JDSSTART, JDSENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JDS (for JDSSTART), NONE (for JDSENTRY)
Offset: JDSID
Length: 4
Storage Attributes: Auxiliary Storage: SPOOL
Subpool: 229 (JSAM Buffer Pool)
Key: 1 (JESKEY)
Residency: ANY
Size: See Assembler Listing
Created by: IATISDV,
IATOSDR
Pointed to by: JDABJDS in IATYJDA,
JIBJDSPT in IATYJIB,
JCTJDSFD (FDB) in IATYJCT,
Serialization: JDSHOLD
Function: Contains FDB's for all data sets associated with the job

IATYJDS Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JDSSTART	
0	(0)	BITSTRING	6	JDSTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JDSCNT	USER COUNT.
8	(8)	CHARACTER	4	JDSID	FILE ID.
12	(C)	BITSTRING	12	JDSCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JDSVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JDSDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	JDSTOTL	- LENGTH ENTIRE JDS - WITH ALL ENTRIES
30	(1E)	SIGNED	2	JDSFIXL	- LENGTH OF FIXED PORTION
32	(20)	BITSTRING	12	JDSWKFDB	WORK FDB
44	(2C)	SIGNED	2	JDSHLDNO	- COUNT OF HELD ENTRIES
48	(30)	SIGNED	4	JDSPREV	- POINTER TO FDB
52	(34)	BITSTRING	1	JDSHFLG	JDS HEADER FLAG

Comment

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-------------------------------------------------------------
   DEFINITION OF JDSHFLG
-------------------------------------------------------------
```

End of Comment

		1...		JDSALL0	"X'80'" ALL ENTRIES ZEROED OUT
		.1..		JDSDJOVR	"X'40'" BUFFER CREATED AS A RESULT OF OVERFLOW DURING DUMP JOB JDS TRANSLATION PROCESSING
53	(35)	BITSTRING	1	JDSRSVD6	RESERVED FOR DEVELOPMENT
54	(36)	SIGNED	2	JDSRSVD1	RESERVED FOR DEVELOPMENT
56	(38)	SIGNED	4	JDSRSVD5	RESERVED FOR DEVELOPMENT
60	(3C)	SIGNED	4	JDSRSVS1	RESERVED FOR SERVICE
64	(40)	SIGNED	4	JDSCOUNT	NUMBER OF JDS ENTRIES
68	(44)	SIGNED	4	JDSFEND (0)	- MARKS END OF FIXED PART JDS
68	(44)	BITSTRING	1	JDSFSIZE (0)	SIZE OF FIXED AREA = L'JDSFSIZE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JDSENTRY	
0	(0)	BITSTRING	1	JDSFDB	MULT. FILE FDB THIS ENTRY
0	(0)	X'0'	0	JDSOTFDB	"JDSFDB" CONTAINS THE MULTI-FILE FDB FOR A SWB FOR A OUTPUT ST.
32	(20)	SIGNED	2	JDSVARL	LENGTH OF THIS JDS ENTRY
34	(22)	SIGNED	2	JDSOSENO	ACTIVE OSE COUNT
36	(24)	SIGNED	4	JDSLINES (0)	OUTPUT DATA SET LINE COUNT
36	(24)	SIGNED	4	JDSINCNT	NO OF CARDS THIS DATA SET
40	(28)	SIGNED	4	JDSPAGES	OUTPUT DATA SET PAGE COUNT
44	(2C)	SIGNED	4	JDSRECDS	OUTPUT DATA SET RECORD COUNT
48	(30)	BITSTRING	28	JDSTATFD	TATFDB THIS ENTRY IF PRESENT
76	(4C)	BITSTRING	32	JDSDOFDB	FDB FOR DOI/SWB MRF
108	(6C)	BITSTRING	80	JDSTOKEN	TOKEN
188	(BC)	CHARACTER	8	JDSUSRID	USER ID
196	(C4)	CHARACTER	8	JDSJOBNM	JOB NAME
204	(CC)	CHARACTER	8	JDSJOBID	JOB ID
212	(D4)	CHARACTER	8	JDSDSNUM	DATA SET NUMBER
220	(DC)	CHARACTER	8	JDSDSNAM	DSNAME IN DATA SET NAME 2
228	(E4)	SIGNED	4	JDSRECS	NUM OF SPOOL RECS PURGED
232	(E8)	SIGNED	2	JDSSPNDX	SPOOL PARTITION INDEX
234	(EA)	BITSTRING	1	JDSDSPH	DSP NUMBER HOLDING ENTRY
235	(EB)	BITSTRING	1	JDSMPSEQ	Main this job must run on (specified when the INTRDR dataset was allocated)
236	(EC)	BITSTRING	1	JDSDSHNO	JDS dataset header index
237	(ED)	BITSTRING	1	JDSRSVS2	RESERVED FOR SERVICE
238	(EE)	SIGNED	2	JDSMAXRL	MAXIMUM INPUT RECORD LENGTH
240	(F0)	BITSTRING	1	JDSFLG	- FLAGS

Comment

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-------------------------------------------------------------
    DEFINITION OF JDSFLG RESERVED FOR MAIN SERVICE
-------------------------------------------------------------
```

End of Comment

		1...		JDSOPEN	"X'80'" - 1= DATA SET OPENED, 0= CLOSED
		.1..		JDSREAD	"X'40'" - 1= DATA SET OPENED FOR READ
		..1.		JDSWRITE	"X'20'" - 1= DATA SET OPENED FOR WRITE
		...1		JDSOLD	"X'10'" - DATA SET WAS IN JDS AT ENTRY TO MSER
		.... 1...		JDSIJDEL	"X'08'" IJP IS DELETING THIS JDS
		.... ..1.		JDSHDR	"X'02'" - HDR REQD IF BIT=1
241	(F1)	BITSTRING	1	JDSFLG2	- FLAGS

Comment

```
-------------------------------------------------------------
        DEFINITION OF JDSFLG2
-------------------------------------------------------------
```

End of Comment

		1...		JDSDJBNO	"X'80'" JDSJOBNO FIELD IS VALID
		.1..		JDSNDVRY	"X'40'" VERIFY SYSOUT ON RESTART
		..1.		JDSDUSID	"X'20'" JDSPROCN = MVS/TSO USRID
		...1		JDSINT	"X'10'" INTERPRET PUNCH CARDS.
		.... 1...		JDSPINOF	"X'08'" - THIS IS A SPINOFF DS.
		.... .1..		JDSMNCMP	"X'04'" DATA SET COMPLETE ON MAIN
		.... ..1.		JDSISDON	"X'02'" - ISDRVR PROCESS COMPLETE
		1		JDSYSIN	"X'01'" - THIS IS A SYSIN DATA SET
242	(F2)	BITSTRING	1	JDSCTYPE	SYSOUT CLASS TYPE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- DEFINITION OF JDSCTYPE, CORRESPONDS TO SCTTYPE ----------			
		End of Comment			
		1...		JDSPRINT	"X'80'" - DATA SET IS TO BE PRINTED
		.1..		JDSPUNCH	"X'40'" - DATA SET IS TO BE PUNCHED
		..1.		JDSOTPUT	"X'20'" THIS IS JDS OUTPUT TYPE ENTRY
		...1		JDSTAT	"X'10'" - THIS JDS ENTRY CONTAINS OWN TAT
		.... 1...		JDSUSER1	"X'08'" - USER DEFINITION ONE
		.... .1..		JDSUSER2	"X'04'" - USER DEFINITION TWO
		.... ..1.		JDSRSVD	"X'02'" - RESERVED SYSOUT CLASS
		1		JDSHLD	"X'01'" HOLD FOR SYSTEM OUTPUT
		....		JDSTSO	"X'00'" ASP CODE
243	(F3)	BITSTRING	1	JDSCTRSV	RESERVED SYSOUT CLASS TYPE
		Comment			
		---------- DEFINITION OF JDSCTRSV, CORRESPONDS TO SCTRSVD ----------			
		End of Comment			
		1...		JDSTSOVS	"X'80'" MVS TSO DATA SET
		.1..		JDSRSVDW	"X'40'" RESERVED WRITER DATA SET
		..1.		JDSEXTWT	"X'20'" EXTERNAL WRITER DATA SET
244	(F4)	BITSTRING	1	JDSFLG4	- FLAGS
		Comment			
		---------- DEFINITION OF JDSFLG4 ----------			
		End of Comment			
244	(F4)	X'80'	0	JDSPRFRP	"JDSPRINT" - PRINT FRP EXISTS
244	(F4)	X'40'	0	JDSPNFRP	"JDSPUNCH" - PUNCH FRP EXISTS
244	(F4)	X'0'	0	JDSTSOFR	"JDSTSO" ASP CODE
		..1.		JDSCLSAF	"X'20'" A SAF CREATE CALL WAS MADE
		...1		JDSNJOVF	"X'10'" NJE OVERFLOW OFF
		1		JDSHOLDJ	"X'01'" Hold this job (specified on the INTRDR dataset allocation)
		.... ..1.		JDSLRECV	"X'02'" JDS LRECL FIELD IS VALID
		.... .1..		JDSISDS	"X'04'" INPUT STREAM DATA SET $$$$ CREATED BY / DATASET $$$$
		.... 1...		JDSINTVL	"X'08'" NJE PUN INTPRT=NO SPECIFIED
245	(F5)	BITSTRING	1	JDSFLG5	- FLAG BYTE
		Comment			
		---------- DEFINITION OF JDSFLG5 ----------			
		End of Comment			
245	(F5)	X'80'	0	JDSPROSE	"JDSPRINT" - Print OSE built (x'80')
245	(F5)	X'40'	0	JDSPNOSE	"JDSPUNCH" - Punch OSE built (x'40')
		..1.		JDSOTOSE	"X'20'" OSE BUILT USING OUTPUT STATEMENTS
		...1		JDSOMOHQ	"X'10'" THIS ENTRY MOVED FROM THE HOLD Q TO THE WRITER Q.
		.... 1...		JDSUSAM	"X'08'" USAM DATA SET

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		JDSPOSED	"X'04'" Spinoff OSEs are done (built) for this entry
245	(F5)	X'1'	0	JDSHLOSE	"JDSHLD" HOLD TYPE OSE (x'01')
245	(F5)	X'0'	0	JDSTSOSE	"JDSTSO" ASP CODE (x'00')
246	(F6)	BITSTRING	1	JDSRECFM	RECORD FORMAT OF DATA SET

Comment

DEFINITION OF JDSRECFM

End of Comment

		1...		JDSCPDS	"X'80'" COMPOSED PAGE DATA STREAM CC
		.1..		JDSRFASA	"X'40'" ASA CARRIAGE CONTROLS
		..1.		JDSRFMCH	"X'20'" MACHINE CARRIAGE CONTROLS
		...1		JDSRFVAR	"X'10'" VARIABLE FORMAT
247	(F7)	BITSTRING	1	JDSFLG9	NJE FLAG BYTE

Comment

DEFINITION OF JDSFLG9

End of Comment

		1...		JDSJH	"X'80'" NJE JOB HEADER
		.1..		JDSDH	"X'40'" NJE DATASET HEADER
		..1.		JDSJT	"X'20'" NJE JOB TRAILER
		...1		JDSDSHB	"X'10'" DATASET HEADER EXISTS FOR THE SYSOUT DATASET
		.... 1...		JDSTXDS	"X'08'" SYSOUT TARGETED FOR THIS NODE
		.... .1..		JDSSYSD	"X'04'" LET JES3 FIGURE OUT THE CORRECT DESTINATION FOR THIS DATA SET
248	(F8)	SIGNED	2	JDSSEQNO	JDS BDT SEQUENCE NUMBER 0507

Comment

0

End of Comment

250	(FA)	BITSTRING	1	JDSFLG10	FLAG BYTE 0507

Comment

--- 0
DEFINITION OF JDSFLG10 0
--- 0

End of Comment

		1...		JDSSECFL	"X'80'" DATASET SHOULD NOT BE 0507 PRINTED DUE TO AUTH FAILURE 0507
		.1..		JDSDIRCT	"X'40'" THIS SYSOUT ENTRY HAS 0259 DIRECT REFERENCES TO AT 0259 LEAST ONE DYNAMIC OUTPUT 0259 DESCRIPTOR 0259
		..1.		JDSWTRN	"X'20'" JDSWTRNM is a writer name 0008 (if off, JDSWTRNM is a 0008 second-level destination) 0008
		...1		JDSCTKN	"X'10'" CTOKEN was assigned for this data set
251	(FB)	BITSTRING	1	JDSFLG11	FLAG BYTE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- DEFINITION OF JDSFLG11 ----------
					End of Comment
		1...		JDSMDWTR	"X'80'" WRITER MODIFIED ON MODIFY COMMAND
		.1..		JDSMDDST	"X'40'" DEST MODIFIED ON MODIFY COMMAND
		..1.		JDSMDFRM	"X'20'" FORMS MODIFIED ON MODIFY COMMAND
		...1		JDSMDPRY	"X'10'" PRIORITY MODIFIED ON MODIFY COMMAND
		.... 1...		JDSMDCPY	"X'08'" COPY COUNT MODIFIED ON MODIFY COMMAND
		.... .1..		JDSMD2DT	"X'04'" 2NDARY DEST MODIFIED ON MODIFY COMMAND
		.... ..1.		JDSMDFCB	"X'02'" FCB modified on modify cmd
		1		JDSMDUCS	"X'01'" UCS modified on modify cmd
252	(FC)	BITSTRING	1	JDSFLG12	Flag byte
					Comment
					---------- Definition of JDSFLG12 ----------
					End of Comment
		1...		JDSMDCHR	"X'80'" CHARS modified on modify cmd
		.1..		JDSMDFLS	"X'40'" CLASH modified on modify cmd
		..1.		JDSMDCPM	"X'20'" COPYM modified on modify cmd
		...1		JDSMDMDE	"X'10'" PRMOD modified on modify cmd
		.... 1...		JDSMDOTB	"X'08'" OTBN modified on modify cmd
		.... .1..		JDSJSABJ	"X'04'" Jobname came from JSAB
		.... ..1.		JDSCASPN	"X'02'" Currently active JESMSGLG or JESYSMSG spinoff ds
		1		JDSG1201	"X'01'" Reserved for development
253	(FD)	BITSTRING	3	JDSFLGRV	Reserved flag for development
256	(100)	SIGNED	4	JDSBYTES	Output data set byte count - the byte count contained here is a count of the number of spool buffers used and must be multiplied with the contents of field SIZEBUF to obtain the byte count
260	(104)	SIGNED	4	JDSDSKEY	Dataset key from CTOKEN. This field may be reclaimed when release HJS7703 is no longer in service
264	(108)	SIGNED	4	JDSSUBNO	Job number of the submitter 0020
268	(10C)	SIGNED	4	JDSRSVS3	RESERVED FOR SERVICE
272	(110)	SIGNED	4	JDSRSVU3	RESERVED FOR USERS *
					Comment
					JDS/JDO MAPPING CONTROL BLOCK. 01 Change Activity: $SD= JBGT64K HJS7705 000413 PD0RF: z 1.2.0
					End of Comment
276	(114)	SIGNED	4	JDSOUTPT (0)	START OF OUTPUT RELATED INFO
276	(114)	SIGNED	2	JDSSTEP	STEP NUMBER FOR MVS MAIN
278	(116)	CHARACTER	1	JDSCLASS	SYSOUT CLASS THIS ENTRY
279	(117)	BITSTRING	1	JDSCOPY	NUMBER OF COPIES ADDITIONAL DEPENDENCY: FOR JESMSGLG PROCESSING IF ZERO AND VALID DO NOT PUT TO FILE
280	(118)	SIGNED	2	JDSOTNR	NUMBER OF OUTPUT STATEMENTS FROM THIS DD STATEMENT
280	(118)	X'118'	0	JDSSTMTN	"JDSOTNR" STATEMENT NUMBER OF THIS OUTPUT STATEMENT
282	(11A)	SIGNED	2	JDSOTOFS	OFFSET TO FIRST OUTPUT REF
284	(11C)	BITSTRING	1	JDSSPC	Skip & space flags

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

		Definition of skip & space flags			

				End of Comment	
		1...		JDSOVFLV	"X'80'" OVFL parameter specified
		.1..		JDSOVFL	"X'40'" Overflow on ch. 12
		.... .1..		JDSSPCV	"X'04'" SPACE BITS ARE VALID: CONTROL = PROGRAM IF NO OTHER SPACE BITS ARE ON
		1		JDSSPC1	"X'01'" SINGLE SPACE
		.... ..1.		JDSSPC2	"X'02'" DOUBLE SPACE BOTH BITS ON INDICATE TRIPLE SPACE
285	(11D)	BITSTRING	1	JDSJESDS	JESDS VALUE
				Comment	

		DEFINITION OF JESDS			

				End of Comment	
		1...		JDSJDALL	"X'80'" JESDS=ALL
		.1..		JDSJDJCL	"X'40'" JESDS=JCL
		..1.		JDSJDLOG	"X'20'" JESDS=LOG
		...1		JDSJDMSG	"X'10'" JESDS=MSG
286	(11E)	BITSTRING	1	JDSFLG1	FLAG FLG1
				Comment	

		DEFINITION OF FLG1			

				End of Comment	
		1...		JDSOPCDJ	"X'80'" OPTCD = J WAS SPECIFIED
286	(11E)	X'80'	0	JDSTRC	"JDSOPCDJ" TRC = YES WAS SPECIFIED
		.1..		JDSBTSS	"X'40'" 3800 BURST SHEET STACKING
		..1.		JDSCHARV	"X'20'" CHARS FIELD PRESENT
		...1		JDSCPYEV	"X'10'" COPYE FIELD PRESENT
		.... 1...		JDSFLSHV	"X'08'" FLASH FIELD PRESENT
		.... .1..		JDSFLCNV	"X'04'" FLCNT FIELD PRESENT
		.... ..1.		JDSMODV	"X'02'" MODID-MODRC FIELD PRESENT
		1		JDSCFS	"X'01'" 3800 CONTINUOUS FORMS STACKING
286	(11E)	X'FA'	0	JDS13800	"JDSOPCDJ+JDSBTSS+JDSCHARV+JDSCPYEV+JDSFLSHV +JDSMODV" EQU 3800 CHARACTERISTICS
287	(11F)	BITSTRING	1	JDSFLG3	FLAG FLG3
				Comment	

		DEFINITION OF FLG3			

				End of Comment	
		1...		JDSDDEST	"X'80'" DEST FIELD IS VALID
		.1..		JDSDFORM	"X'40'" FORM FIELD PRESENT
		..1.		JDSDFCB	"X'20'" FCB FIELD PRESENT
		...1		JDSDUCS	"X'10'" UCS FIELD PRESENT
		.... 1...		JDSDCOPY	"X'08'" COPY FIELD IS VALID
		.... .1..		JDSUSRWT	"X'04'" USER WRITER NAME PRESENT
		.... ..1.		JDSDTYPE	"X'02'" TYPE FIELD PRESENT

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1		JDSDDSID	"X'01'" DSID FIELD PRESENT
288	(120)	BITSTRING	1	JDSFLG6	FLAG FLG6
		Comment			

		DEFINITION OF FLG6			

		End of Comment			
		1...		JDSOUTDF	"X'80'" DEFAULT OUTPUT ENTRY
		.1..		JDSOUTRF	"X'40'" OUTPUT REF THIS DD ENTRY
		..1.		JDSOUTJB	"X'20'" JOB LEVEL OUTPUT ENTRY
		...1		JDSOUTST	"X'10'" STEP LEVEL OUTPUT ENTRY
		.... 1...		JDSDST2V	"X'08'" DEST2 FIELD PRESENT
		.... .1..		JDSCKPLV	"X'04'" CKPTLINE FIELD PRESENT
		.... ..1.		JDSCKPPV	"X'02'" CKPTPAGE FIELD PRESENT
		1		JDSCKPSV	"X'01'" CKPTSEC FIELD PRESENT
289	(121)	BITSTRING	1	JDSFLG7	FLAG FLG7
		Comment			

		DEFINITION OF FLG7			

		End of Comment			
		1...		JDSPRTYV	"X'80'" PRIORITY FIELD PRESENT
		.1..		JDSTHREV	"X'40'" THRESHOLD FIELD PRESENT
		..1.		JDSCTABV	"X'20'" COMPACTION FIELD PRESENT
		...1		JDSMODRV	"X'10'" MODRC FIELD PRESENT ON THE OUTPUT STATEMENT
		.... 1...		JDSDCLA	"X'08'" MVS DEFAULT CLASS USED
		.... .1..		JDSRACUV	"X'04'" SUBMITTER'S USERID PRESENT
		.... ..1.		JDSRACGV	"X'02'" SUBMITTER'S GROUPID PRESENT
		1		JDSDDES	"X'01'" MVS DEFAULT DEST USED
290	(122)	BITSTRING	1	JDSFLG8	FLAG FLG8
		Comment			

		DEFINITION OF FLG8			

		End of Comment			
		1...		JDSPRMV	"X'80'" PRMODE FIELD PRESENT
		.1..		JDSHLDY	"X'40'" HOLD=YES SPECIFIED
		..1.		JDSOTB	"X'20'" OUTBIN ID SPECIFIED 0146
		...1		JDSIPADR	"X'10'" IPADDR specified
		.... 1...		JDSFRMDF	"X'08'" FORMDEF specified
		.... .1..		JDSPGEDF	"X'04'" PAGEDEF specified
		.... ..1.		JDSXJBNO	"X'02'" 4-byte job number exists
291	(123)	BITSTRING	1	JDSFLGA	FLAG FLGA
		Comment			

		DEFINITION OF FLGA			

		End of Comment			
		1...		JDSSEPRT	"X'80'" SEPARATELY SCHEDULABLE
292	(124)	SIGNED	2	JDSSWBID	OUTPUT GROUPING TOKEN
294	(126)	CHARACTER	1	JDSOTCLS	SYSOUT CLASS OF FIRST 0012 OUTPUT REFERENCE 0012

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
295	(127)	BITSTRING	1	JDSRSVD4	RESERVED FOR DEVELOPMENT 0012
296	(128)	SIGNED	4	(0)	

Comment

THE FOLLOWING THREE FIELDS MUST BE CONTIGUOUS BECAUSE WE NEED TO COMPARE FOR A LENGTH OF 24 FOR THE DATA SET NAME.

End of Comment

296	(128)	CHARACTER	8	JDSPROCN	- PROCEDURE NAME
304	(130)	CHARACTER	8	JDSSTEPN	- STEP NAME
312	(138)	CHARACTER	8	JDSDDNAM	- NAME OF THIS DATA SET ENTRY
312	(138)	X'18'	0	JDSDDLEN	"*-JDSPROCN" LENGTH OF DD NAME
320	(140)	CHARACTER	8	JDSDEST	- DESTINATION
328	(148)	CHARACTER	8	JDSTYPE (0)	DESTINATION DEVICE TYPE
328	(148)	CHARACTER	8	JDSFORM (0)	PRINTER FORMS
328	(148)	CHARACTER	8	JDSFCB (0)	FCB/CTAPE
328	(148)	CHARACTER	4	JDSUCS (0)	PRINTER TRAIN
328	(148)	CHARACTER	8	JDSWTRNM (0)	USER WRITER NAME
328	(148)	CHARACTER	8	JDSDSID (0)	DSID OF ERIC DATASET
328	(148)	CHARACTER	16	JDSCHARS (0)	CHARS VALUE
328	(148)	CHARACTER	8	JDSCOPYE (0)	COPY DISTRIBUTION
328	(148)	CHARACTER	4	JDSFLASH (0)	FLASH CARTRIDGE ID
328	(148)	BITSTRING	1	JDSFLCNT (0)	FLASH COUNT
328	(148)	CHARACTER	4	JDSMODID (0)	COPY MODIFICATION ID
328	(148)	CHARACTER	1	JDSMODRC (0)	COPY MOD REFERENCE CHARACTER
328	(148)	BITSTRING	1	JDSPRTY (0)	PRIORITY
328	(148)	BITSTRING	4	JDSTHRES (0)	THRESHOLD
328	(148)	CHARACTER	8	JDSDEST2 (0)	NJE USERID
328	(148)	CHARACTER	2	JDSLRECL (0)	LRECL FOR RESERVED WTR DS
328	(148)	BITSTRING	2	JDSCJBNO (0)	Compatible with &J.CJBNO - see IATXJBNO macro
328	(148)	BITSTRING	2	JDSCKPL (0)	NUMBER OF LINES TO CHECKPT
328	(148)	BITSTRING	2	JDSCKPP (0)	NUMBER OF PAGES TO CHECKPT
328	(148)	BITSTRING	2	JDSCKPS (0)	NUMBER OF SECONDS TO CHECKPT
328	(148)	CHARACTER	8	JDSCTABN (0)	COMPACTION TABLE NAME
328	(148)	CHARACTER	8	JDSMODE (0)	PROCESS MODE FOR THIS ENTRY
328	(148)	CHARACTER	8	JDSRACU (0)	SUBMITTER'S USERID
328	(148)	CHARACTER	8	JDSRACG (0)	SUBMITTER'S GROUPID
328	(148)	BITSTRING	4	JDSJOBNO (0)	Extended job number
328	(148)	BITSTRING	4	JDSOTBN (0)	OUTBIN ID 0146

Comment

ADDITIONAL FIELDS FOR THE JDS MUST BE PUT IN BEFORE THE -OTREF FIELD.

End of Comment

328	(148)	BITSTRING	256	JDSOTREF (0)	OUTPUT REFERENCES THIS ENTRY
328	(148)	SIGNED	4	JDSVEND (0)	END PTR IF NO STEP OR PROC EXT.

Comment

VSIZE (ENTRY FIXED SIZE)
THIS LABEL DEFINES THE MAXIMUM SIZE OF THE ENTRY FIXED PORTION.

End of Comment

328	(148)	BITSTRING	1	JDSVSIZE (0)	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				VSZS1 - VSZS4 (SPINOFF - VARIABLE) THIS LABEL DEFINES THE LENGTH ATTRIBUTES FOR THE VARIABLE PARAMETERS THAT ARE USED FOR SPINOFF PROCESSING. JDS ENTRIES ARE CREATED FOR SPINOFF PROCESSING WITHIN MODULE IATOSGR (ROUTINE 'SPINOFF'). 0	
				End of Comment	
328	(148)	X'1C'	0	JDSVSZS1	"L'JDSTYPE+L'JDSFORM+L'JDSFCB+L'JDSUCS"
328	(148)	X'28'	0	JDSVSZS2	"L'JDSWTRNM+L'JDSDSID+L'JDSCHARS+L'JDSCOPYE"
328	(148)	X'A'	0	JDSVSZS3	"L'JDSFLASH+L'JDSFLCNT+L'JDSMODID+L'JDSMODRC"
328	(148)	X'16'	0	JDSVSZS4	"L'JDSLRECL+L'JDSJOBNO+L'JDSRACU+L'JDSRACG"
				Comment	
				VSZS (SPINOFF - MAX VARIABLE) THIS LABEL DEFINES THE MAXIMUM LENGTH OF THE VARIABLE PARAMETERS USED FOR SPINOFF PROCESSING.	
				End of Comment	
328	(148)	X'64'	0	JDSVSZS	"JDSVSZS1+JDSVSZS2+JDSVSZS3+JDSVSZS4"
				Comment	
				MSZS (SPINOFF - MAXIMUM ENTRY) THIS LABEL DEFINES THE MAXIMUM LENGTH OF A ENTRY FOR SPINOFF.	
				End of Comment	
328	(148)	X'1AC'	0	JDSMSZS	"L'JDSVSIZE+JDSVSZS"
				Comment	
				VSZ1 - VSZ7 (TOTAL - VARIABLE) THIS LABEL DEFINES THE LENGTH ATTRIBUTES FOR THE ALL THE VARIABLE PARAMETERS.	
				End of Comment	
328	(148)	X'1C'	0	JDSVSZ1	"L'JDSTYPE+L'JDSFORM+L'JDSFCB+L'JDSUCS"
328	(148)	X'28'	0	JDSVSZ2	"L'JDSWTRNM+L'JDSDSID+L'JDSCHARS+L'JDSCOPYE"
328	(148)	X'A'	0	JDSVSZ3	"L'JDSFLASH+L'JDSFLCNT+L'JDSMODID+L'JDSMODRC"
328	(148)	X'F'	0	JDSVSZ4	"L'JDSPRTY+L'JDSTHRES+L'JDSDEST2+L'JDSLRECL"
328	(148)	X'A'	0	JDSVSZ5	"L'JDSJOBNO+L'JDSCKPL+L'JDSCKPP+L'JDSCKPS"
328	(148)	X'20'	0	JDSVSZ6	"L'JDSCTABN+L'JDSMODE+L'JDSRACU+L'JDSRACG"
328	(148)	X'104'	0	JDSVSZ7	"L'JDSOTBN+L'JDSOTREF"
				Comment	
				VESZ1 - VESIZ (TOTAL - MAXIMUM VARIABLE) THIS LABEL DEFINES THE MAXIMUM LENGTH OF THE PARAMETER ENTRIES.	
				End of Comment	
328	(148)	X'87'	0	JDSVESZ1	"JDSVSZ1+JDSVSZ2+JDSVSZ3+JDSVSZ4+JDSVSZ5+JDSVSZ6"
328	(148)	X'18B'	0	JDSVESIZ	"JDSVSZ7+JDSVESZ1"

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					MXSIZ (MAXIMUM ENTRY SIZE) THIS LABEL DEFINES THE MAXIMUM LENGTH OF THE ENTRY.
					End of Comment
328	(148)	X'2D3'	0	JDSMXSIZ	"L'JDSVSIZE+JDSVESIZ"
					Comment
					ADVJDS - Internal macro to advance beyond a single JDS field given a flag byte and a bit within the flag indicating that the JDS field is valid. This macro can also be used on JDO fields.
					End of Comment

IATYJDS Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
JDSALL0	34	80	JDSDIRCT	FA	40
JDSBTSS	11E	40	JDSDJBNO	F1	80
JDSBYTES	100		JDSDJOVR	34	40
JDSCASPN	FC	2	JDSDOFDB	4C	
JDSCFS	11E	1	JDSDSHB	F7	10
JDSCHARS	148		JDSDSHNO	EC	0
JDSCHARV	11E	20	JDSDSID	148	
JDSCHN	C	0	JDSDSKEY	104	
JDSCJBNO	148		JDSDSNAM	DC	
JDSCKPL	148		JDSDSNUM	D4	
JDSCKPLV	120	4	JDSDSPH	EA	
JDSCKPP	148		JDSDST2V	120	8
JDSCKPPV	120	2	JDSDTYPE	11F	2
JDSCKPS	148		JDSDUCS	11F	10
JDSCKPSV	120	1	JDSDUSID	F1	20
JDSCLASS	116		JDSENTRY	0	
JDSCLSAF	F4	20	JDSEXTWT	F3	20
JDSCNT	6	0	JDSFCB	148	
JDSCOPY	117		JDSFDB	0	
JDSCOPYE	148		JDSFEND	44	
JDSCOUNT	40		JDSFIXL	1E	
JDSCPDS	F6	80	JDSFLASH	148	
JDSCPYEV	11E	10	JDSFLCNT	148	
JDSCTABN	148		JDSFLCNV	11E	4
JDSCTABV	121	20	JDSFLG	F0	
JDSCTKN	FA	10	JDSFLGA	123	
JDSCTRSV	F3		JDSFLGRV	FD	
JDSCTYPE	F2		JDSFLG1	11E	
JDSDATA	1C		JDSFLG10	FA	
JDSDCLA	121	8	JDSFLG11	FB	
JDSDCOPY	11F	8	JDSFLG12	FC	
JDSDDES	121	1	JDSFLG2	F1	
JDSDDEST	11F	80	JDSFLG3	11F	
JDSDDLEN	138	18	JDSFLG4	F4	
JDSDDNAM	138		JDSFLG5	F5	
JDSDDSID	11F	1	JDSFLG6	120	
JDSDEST	140		JDSFLG7	121	
JDSDEST2	148		JDSFLG8	122	
JDSDFCB	11F	20	JDSFLG9	F7	
JDSDFORM	11F	40	JDSFLSHV	11E	8
JDSDH	F7	40	JDSFORM	148	

IATYJDS Cross Reference

Name	Hex Offset	Hex Value
JDSFRMDF	122	8
JDSFSIZE	44	
JDSG1201	FC	1
JDSHDR	F0	2
JDSHFLG	34	
JDSHLD	F2	1
JDSHLDNO	2C	
JDSHLDY	122	40
JDSHLOSE	F5	1
JDSHOLDJ	F4	1
JDSID	8	D1C4E240
JDSIJDEL	F0	8
JDSINCNT	24	
JDSINT	F1	10
JDSINTVL	F4	8
JDSIPADR	122	10
JDSISDON	F1	2
JDSISDS	F4	4
JDSJDALL	11D	80
JDSJDJCL	11D	40
JDSJDLOG	11D	20
JDSJDMSG	11D	10
JDSJESDS	11D	
JDSJH	F7	80
JDSJOBID	CC	
JDSJOBNM	C4	
JDSJOBNO	148	
JDSJSABJ	FC	4
JDSJT	F7	20
JDSLINES	24	
JDSLRECL	148	
JDSLRECV	F4	2
JDSMAXRL	EE	
JDSMDCHR	FC	80
JDSMDCPM	FC	20
JDSMDCPY	FB	8
JDSMDDST	FB	40
JDSMDFCB	FB	2
JDSMDFLS	FC	40
JDSMDFRM	FB	20
JDSMDMDE	FC	10
JDSMDOTB	FC	8
JDSMDPRY	FB	10
JDSMDUCS	FB	1
JDSMDWTR	FB	80
JDSMD2DT	FB	4
JDSMNCMP	F1	4
JDSMODE	148	
JDSMODID	148	
JDSMODRC	148	
JDSMODRV	121	10
JDSMODV	11E	2
JDSMPSEQ	EB	
JDSMSZS	148	1AC
JDSMXSIZ	148	2D3
JDSNDVRY	F1	40
JDSNJOVF	F4	10
JDSOLD	F0	10
JDSOMOHQ	F5	10
JDSOPCDJ	11E	80
JDSOPEN	F0	80
JDSOSENO	22	
JDSOTB	122	20
JDSOTBN	148	
JDSOTCLS	126	
JDSOTFDB	0	0
JDSOTNR	118	
JDSOTOFS	11A	
JDSOTOSE	F5	20
JDSOTPUT	F2	20
JDSOTREF	148	
JDSOUTDF	120	80
JDSOUTJB	120	20
JDSOUTPT	114	
JDSOUTRF	120	40
JDSOUTST	120	10
JDSOVFL	11C	40
JDSOVFLV	11C	80
JDSPAGES	28	
JDSPGEDF	122	4
JDSPINOF	F1	8
JDSPNFRP	F4	40
JDSPNOSE	F5	40
JDSPOSED	F5	4
JDSPREV	30	
JDSPRFRP	F4	80
JDSPRINT	F2	80
JDSPRMV	122	80
JDSPROCN	128	
JDSPROSE	F5	80
JDSPRTY	148	
JDSPRTYV	121	80
JDSPUNCH	F2	40
JDSRACG	148	
JDSRACGV	121	2
JDSRACU	148	
JDSRACUV	121	4
JDSREAD	F0	40
JDSRECDS	2C	
JDSRECFM	F6	
JDSRECS	E4	
JDSRFASA	F6	40
JDSRFMCH	F6	20
JDSRFVAR	F6	10
JDSRSVD	F2	2
JDSRSVDW	F3	40
JDSRSVD1	36	
JDSRSVD4	127	
JDSRSVD5	38	
JDSRSVD6	35	
JDSRSVS1	3C	
JDSRSVS2	ED	
JDSRSVS3	10C	
JDSRSVU3	110	
JDSSECFL	FA	80
JDSSEPRT	123	80
JDSSEQNO	F8	
JDSSPC	11C	
JDSSPCV	11C	4
JDSSPC1	11C	1
JDSSPC2	11C	2
JDSSPNDX	E8	
JDSSTART	0	
JDSSTEP	114	
JDSSTEPN	130	
JDSSTMTN	118	118
JDSSUBNO	108	
JDSSWBID	124	
JDSSYSD	F7	4
JDSTAT	F2	10

Name	Hex Offset	Hex Value
JDSTATFD	30	
JDSTHRES	148	
JDSTHREV	121	40
JDSTOKEN	6C	
JDSTOTL	1C	
JDSTRC	11E	80
JDSTRK	0	0
JDSTSO	F2	0
JDSTSOFR	F4	0
JDSTSOSE	F5	0
JDSTSOVS	F3	80
JDSTXDS	F7	8
JDSTYPE	148	
JDSUCS	148	
JDSUSAM	F5	8
JDSUSER1	F2	8
JDSUSER2	F2	4
JDSUSRID	BC	
JDSUSRWT	11F	4
JDSVARL	20	
JDSVEND	148	
JDSVESIZ	148	18B
JDSVESZ1	148	87
JDSVLID	18	0
JDSVSIZE	148	
JDSVSZS	148	64
JDSVSZS1	148	1C
JDSVSZS2	148	28
JDSVSZS3	148	A
JDSVSZS4	148	16
JDSVSZ1	148	1C
JDSVSZ2	148	28
JDSVSZ3	148	A
JDSVSZ4	148	F
JDSVSZ5	148	A
JDSVSZ6	148	20
JDSVSZ7	148	104
JDSWKFDB	20	
JDSWRITE	F0	20
JDSWTRN	FA	20
JDSWTRNM	148	
JDSXJBNO	122	2
JDSYSIN	F1	1
JDS13800	11E	FA

IATYJDSX Programming Interface information

Programming Interface information

IATYJDSX

End of Programming Interface information

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IATYJDSX Heading Information

Common Name: OSEJDSPT Translation Data Areas
Macro ID: IATYJDSX
DSECT Name: JDSXTABL, JDSXTABE, JDSXPARM
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JDSXTABL, JDSXPARM
Offset: 0
Length: 8
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0
Size: JXTBHSIZ (JDSXTABL)
JXTBESIZ (JDSXTABE)
JXPRMSIZ (JDSXPARM)
Created by: IATMOOI (JDSXPARM)
IATOSOR (JDSXTABL, JDSXTABE)
IATOSSO (JDSXPARM)
Pointed to by: JXPMTABL (JDSXTABL)
MOOSJXTB (JDSXTABL)
SDWJDXTB (JDSXTABL)
JXTBAVLE (JDSXTABE)
Register 1 on entry to OSORJDSX
(JDSXPARM)
Serialization: NONE
Function: This macro maps the following data areas
used by the OSEJDSPT translation routine:
o JDSXPARM- Parameter list for OSORJDSX
o JDSXTABL- OSEJDSPT translate table header
o JDSXTABE- OSEJDSPT translate table entry

IATYJDSX Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	JDSXTABL	OSEJDSPT table mapping
0	(0)	CHARACTER	8	JXTBEYE	Table eyecatcher
8	(8)	ADDRESS	4	JXTBNEXT	Pointer to next segment
12	(C)	SIGNED	4	JXTBSIZE	Size of this segment
16	(10)	ADDRESS	4	JXTBAVLE	Address of next available entry
16	(10)	X'14'	0	JXTBHSIZ	"*-JDSXTABL" Size of table header
16	(10)	X'14'	0	JXTBENTS	"*" Start of first entry
16	(10)	X'3E'	0	JXTBENTN	"62" Number of entries per segment

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	JDSXTABE	OSEJDSPT table entry map
0	(0)	SIGNED	4	JXTBOLDV	Old OSEJDSPT value
4	(4)	SIGNED	4	JXTBNEWV	New OSEJDSPT value
8	(8)	SIGNED	4	JXTBREFT	Total number of OSEs that reference this JDS
12	(C)	SIGNED	4	JXTBREFC	Number of referencing OSEs that have been changed so far
12	(C)	X'10'	0	JXTBESIZ	"*-JDSXTABE" Size of table entry

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	JDSXPARM	OSEJDSPT table entry map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	CHARACTER	8	JXPMEYE	Parameter list eyecatcher
8	(8)	ADDRESS	4	JXPMTABL	Address of OSEJDSPT translate table
12	(C)	ADDRESS	4	JXPMANCH	Address of field pointing to OSEJDSPT translate table anchor
16	(10)	SIGNED	2	JXPMBUFF	(Low) Buffer number
18	(12)	SIGNED	2	JXPMBUFH	High buffer number
20	(14)	ADDRESS	4	JXPMOSEF	OSE buffer address
24	(18)	ADDRESS	4	JXPMRSQA	RESQUEUE address
28	(1C)	ADDRESS	4	JXPMWSPA	WSP address
32	(20)	ADDRESS	4	JXPMCSBT	CSBT entry address
36	(24)	SIGNED	4	JXPMDUMP	Dump code
40	(28)	SIGNED	4	JXPMRESN	Abend reason code
44	(2C)	BITSTRING	1	JXPMFUNC	Function code

Comment

Definition of JXPMFUNC code values

End of Comment

44	(2C)	X'1'	0	JXPMCREA	"1" Create translate table
44	(2C)	X'2'	0	JXPMDELE	"2" Delete translate table
44	(2C)	X'3'	0	JXPMXLTB	"3" Translate one OSE buffer
44	(2C)	X'4'	0	JXPMXLTR	"4" Read in and translate one or more OSE buffers
44	(2C)	X'5'	0	JXPMCOST	"5" Check OSTs to see whether OSE buffer needs translation
44	(2C)	X'6'	0	JXPMXBDT	"6" Translate queued temporary BDT OSEs
45	(2D)	BITSTRING	1	JXPMFLG1	Processing (input) flags

Comment

Definition of JXPMFLG1 bit values

End of Comment

		1...		JXPMULIM	"X'80'" JXPMBUFF is an upper limit; process all OSE buffers up to but not including JXPMBUFF
		.1..		JXPMBSKP	"X'40'" Skip processing OSE buffers JXPMBUFF through JXPMBUFH inclusive; process all buffers before JXPMBUFF and all after JXPMBUFH
		..1.		JXPMSNGL	"X'20'" Process a single OSE buffer (JXPMBUFF)
		...1		JXPMF110	"X'10'" Reserved for IBM
		.... 1...		JXPMF108	"X'08'" Reserved for IBM
		.... .1..		JXPMF104	"X'04'" Reserved for IBM
		.... ..1.		JXPMF102	"X'02'" Reserved for IBM
		1		JXPMF101	"X'01'" Reserved for IBM
46	(2E)	BITSTRING	1	JXPMFLG2	Work/output flags

Comment

Definition of JXPMFLG2 bit values

End of Comment

		1...		JXPMXINC	"X'80'" Translation is not complete
		.1..		JXPMCHNG	"X'40'" The current OSE buffer has been changed
		..1.		JXPMRCUR	"X'20'" Recursive error indicator
		...1		JXPMIOER	"X'10'" I/O error on JESREAD
		.... 1...		JXPMF208	"X'08'" Reserved for IBM
		.... .1..		JXPMF204	"X'04'" Reserved for IBM
		.... ..1.		JXPMF202	"X'02'" Reserved for IBM
		1		JXPMF201	"X'01'" Reserved for IBM
47	(2F)	BITSTRING	1	JXPMRSV1	Reserved for IBM

IATYJDSX Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
47	(2F)	X'30'	0	JXPRMSIZ	"*-JDSXPARM" Size of parameter list

IATYJDSX Cross Reference

Name	Hex Offset	Hex Value
JDSXPARM	0	
JDSXTABE	0	
JDSXTABL	0	
JXPMANCH	C	
JXPMBSKP	2D	40
JXPMBUFF	10	
JXPMBUFH	12	
JXPMCHNG	2E	40
JXPMCOST	2C	5
JXPMCREA	2C	1
JXPMCSBT	20	
JXPMDELE	2C	2
JXPMDUMP	24	
JXPMEYE	0	
JXPMFLG1	2D	
JXPMFLG2	2E	
JXPMFUNC	2C	
JXPMF101	2D	1
JXPMF102	2D	2
JXPMF104	2D	4
JXPMF108	2D	8
JXPMF110	2D	10
JXPMF201	2E	1
JXPMF202	2E	2
JXPMF204	2E	4
JXPMF208	2E	8
JXPMIOER	2E	10
JXPMOSEF	14	
JXPMRCUR	2E	20
JXPMRESN	28	
JXPMRSQA	18	
JXPMRSV1	2F	
JXPMSNGL	2D	20
JXPMTABL	8	
JXPMULIM	2D	80
JXPMWSPA	1C	
JXPMXBDT	2C	6
JXPMXINC	2E	80
JXPMXLTB	2C	3
JXPMXLTR	2C	4
JXPRMSIZ	2F	30
JXTBAVLE	10	
JXTBENTN	10	3E
JXTBENTS	10	14
JXTBESIZ	C	10
JXTBEYE	0	
JXTBHSIZ	10	14
JXTBNEWV	4	
JXTBNEXT	8	
JXTBOLDV	0	
JXTBREFC	C	
JXTBREFT	8	
JXTBSIZE	C	

IATYJDSO Programming Interface information

Programming Interface information

IATYJDSO

End of Programming Interface information

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IATYJDSO Heading Information

Common Name: JDS/JDO MAPPING CONTROL BLOCK.
Macro ID: IATYJDSO
DSECT Name: NONE
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: N/A
Offset: 0
Length: 0
Storage Attributes: Main Storage: SEE INVOKING MACRO.
Auxiliary Storage: SEE INVOKING MACRO.
Size: &J.MXSIZ
Created by: SEE INVOKING MACRO.
Pointed to by: SEE INVOKING MACRO.
Serialization: SEE INVOKING MACRO.
Function: CONTAINS SYSOUT INFORMATION FOR ENTRIES WITHIN THE JDS AND JDO.
NOTE = THIS MACRO CAN ONLY BE INVOKED FROM MACROS IATYJDS OR IATYJDO.

IATYJDSO Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE			
0	(0)	SIGNED	4	JDSOUTPT (0)	START OF OUTPUT RELATED INFO
0	(0)	SIGNED	2	JDSSTEP	STEP NUMBER FOR MVS MAIN
2	(2)	CHARACTER	1	JDSCLASS	SYSOUT CLASS THIS ENTRY
3	(3)	BITSTRING	1	JDSCOPY	NUMBER OF COPIES ADDITIONAL DEPENDENCY: FOR JESMSGLG PROCESSING IF ZERO AND VALID DO NOT PUT TO FILE
4	(4)	SIGNED	2	JDSOTNR	NUMBER OF OUTPUT STATEMENTS FROM THIS DD STATEMENT
4	(4)	X'4'		JDSSTMTN	"JDSOTNR" STATEMENT NUMBER OF THIS OUTPUT STATEMENT
6	(6)	SIGNED	2	JDSOTOFS	OFFSET TO FIRST OUTPUT REF
8	(8)	BITSTRING	1	JDSSPC	Skip & space flags

Comment

Definition of skip & space flags

End of Comment

		1...		JDSOVFLV	"X'80'" OVFL parameter specified
		.1..		JDSOVFL	"X'40'" Overflow on ch. 12
		.... .1..		JDSSPCV	"X'04'" SPACE BITS ARE VALID: CONTROL = PROGRAM IF NO OTHER SPACE BITS ARE ON
		1		JDSSPC1	"X'01'" SINGLE SPACE
		.... ..1.		JDSSPC2	"X'02'" DOUBLE SPACE BOTH BITS ON INDICATE TRIPLE SPACE
9	(9)	BITSTRING	1	JDSJESDS	JESDS VALUE

Comment

DEFINITION OF JESDS

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		JDSJDALL	"X'80'" JESDS=ALL
		.1..		JDSJDJCL	"X'40'" JESDS=JCL
		..1.		JDSJDLOG	"X'20'" JESDS=LOG
		...1		JDSJDMSG	"X'10'" JESDS=MSG
10	(A)	BITSTRING	1	JDSFLG1	FLAG FLG1
		Comment			

		DEFINITION OF FLG1			

		End of Comment			
		1...		JDSOPCDJ	"X'80'" OPTCD = J WAS SPECIFIED
10	(A)	X'80'		JDSTRC	"JDSOPCDJ" TRC = YES WAS SPECIFIED
		.1..		JDSBTSS	"X'40'" 3800 BURST SHEET STACKING
		..1.		JDSCHARV	"X'20'" CHARS FIELD PRESENT
		...1		JDSCPYEV	"X'10'" COPYE FIELD PRESENT
		.... 1...		JDSFLSHV	"X'08'" FLASH FIELD PRESENT
		.... .1..		JDSFLCNV	"X'04'" FLCNT FIELD PRESENT
		.... ..1.		JDSMODV	"X'02'" MODID-MODRC FIELD PRESENT
		1		JDSCFS	"X'01'" 3800 CONTINUOUS FORMS STACKING
10	(A)	X'FA'		JDS13800	"JDSOPCDJ+JDSBTSS+JDSCHARV+JDSCPYEV+JDSFLSHV +JDSMODV" EQU 3800 CHARACTERISTICS
11	(B)	BITSTRING	1	JDSFLG3	FLAG FLG3
		Comment			

		DEFINITION OF FLG3			

		End of Comment			
		1...		JDSDDEST	"X'80'" DEST FIELD IS VALID
		.1..		JDSDFORM	"X'40'" FORM FIELD PRESENT
		..1.		JDSDFCB	"X'20'" FCB FIELD PRESENT
		...1		JDSDUCS	"X'10'" UCS FIELD PRESENT
		.... 1...		JDSDCOPY	"X'08'" COPY FIELD IS VALID
		.... .1..		JDSUSRWT	"X'04'" USER WRITER NAME PRESENT
		.... ..1.		JDSDTYPE	"X'02'" TYPE FIELD PRESENT
		1		JDSDDSID	"X'01'" DSID FIELD PRESENT
12	(C)	BITSTRING	1	JDSFLG6	FLAG FLG6
		Comment			

		DEFINITION OF FLG6			

		End of Comment			
		1...		JDSOUTDF	"X'80'" DEFAULT OUTPUT ENTRY
		.1..		JDSOUTRF	"X'40'" OUTPUT REF THIS DD ENTRY
		..1.		JDSOUTJB	"X'20'" JOB LEVEL OUTPUT ENTRY
		...1		JDSOUTST	"X'10'" STEP LEVEL OUTPUT ENTRY
		.... 1...		JDSDST2V	"X'08'" DEST2 FIELD PRESENT
		.... .1..		JDSCKPLV	"X'04'" CKPTLINE FIELD PRESENT
		.... ..1.		JDSCKPPV	"X'02'" CKPTPAGE FIELD PRESENT
		1		JDSCKPSV	"X'01'" CKPTSEC FIELD PRESENT
13	(D)	BITSTRING	1	JDSFLG7	FLAG FLG7

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		---------- DEFINITION OF FLG7 ----------			
				End of Comment	
		1...		JDSPRTYV	"X'80'" PRIORITY FIELD PRESENT
		.1..		JDSTHREV	"X'40'" THRESHOLD FIELD PRESENT
		..1.		JDSCTABV	"X'20'" COMPACTION FIELD PRESENT
		...1		JDSMODRV	"X'10'" MODRC FIELD PRESENT ON THE OUTPUT STATEMENT
		.... 1...		JDSDCLA	"X'08'" MVS DEFAULT CLASS USED
		.... .1..		JDSRACUV	"X'04'" SUBMITTER'S USERID PRESENT
		.... ..1.		JDSRACGV	"X'02'" SUBMITTER'S GROUPID PRESENT
		1		JDSDDES	"X'01'" MVS DEFAULT DEST USED
14	(E)	BITSTRING	1	JDSFLG8	FLAG FLG8
				Comment	
		---------- DEFINITION OF FLG8 ----------			
				End of Comment	
		1...		JDSPRMV	"X'80'" PRMODE FIELD PRESENT
		.1..		JDSHLDY	"X'40'" HOLD=YES SPECIFIED
		..1.		JDSOTB	"X'20'" OUTBIN ID SPECIFIED 0146
		...1		JDSIPADR	"X'10'" IPADDR specified
		.... 1...		JDSFRMDF	"X'08'" FORMDEF specified
		.... .1..		JDSPGEDF	"X'04'" PAGEDEF specified
15	(F)	BITSTRING	1	JDSFLGA	FLAG FLGA
				Comment	
		---------- DEFINITION OF FLGA ----------			
				End of Comment	
		1...		JDSSEPRT	"X'80'" SEPARATELY SCHEDULABLE
16	(10)	SIGNED	2	JDSSWBID	OUTPUT GROUPING TOKEN
18	(12)	CHARACTER	1	JDSOTCLS	SYSOUT CLASS OF FIRST 0012 OUTPUT REFERENCE 0012
19	(13)	BITSTRING	1	JDSRSVD4	RESERVED FOR DEVELOPMENT 0012
20	(14)	SIGNED	4	(0)	
				Comment	
		THE FOLLOWING THREE FIELDS MUST BE CONTIGUOUS BECAUSE WE NEED TO COMPARE FOR A LENGTH OF 24 FOR THE DATA SET NAME.			
				End of Comment	
20	(14)	CHARACTER	8	JDSPROCN	- PROCEDURE NAME
28	(1C)	CHARACTER	8	JDSSTEPN	- STEP NAME
36	(24)	CHARACTER	8	JDSDDNAM	- NAME OF THIS DATA SET ENTRY
36	(24)	X'18'		JDSDDLEN	"*-JDSPROCN" LENGTH OF DD NAME
44	(2C)	CHARACTER	8	JDSDEST	- DESTINATION
52	(34)	CHARACTER	8	JDSTYPE (0)	DESTINATION DEVICE TYPE
52	(34)	CHARACTER	8	JDSFORM (0)	PRINTER FORMS
52	(34)	CHARACTER	8	JDSFCB (0)	FCB/CTAPE
52	(34)	CHARACTER	4	JDSUCS (0)	PRINTER TRAIN
52	(34)	CHARACTER	8	JDSWTRNM (0)	USER WRITER NAME

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
52	(34)	CHARACTER	8	JDSDSID (0)	DSID OF ERIC DATASET
52	(34)	CHARACTER	16	JDSCHARS (0)	CHARS VALUE
52	(34)	CHARACTER	8	JDSCOPYE (0)	COPY DISTRIBUTION
52	(34)	CHARACTER	4	JDSFLASH (0)	FLASH CARTRIDGE ID
52	(34)	BITSTRING	1	JDSFLCNT (0)	FLASH COUNT
52	(34)	CHARACTER	4	JDSMODID (0)	COPY MODIFICATION ID
52	(34)	CHARACTER	1	JDSMODRC (0)	COPY MOD REFERENCE CHARACTER
52	(34)	BITSTRING	1	JDSPRTY (0)	PRIORITY
52	(34)	BITSTRING	4	JDSTHRES (0)	THRESHOLD
52	(34)	CHARACTER	8	JDSDEST2 (0)	NJE USERID
52	(34)	CHARACTER	2	JDSLRECL (0)	LRECL FOR RESERVED WTR DS
52	(34)	BITSTRING	2	JDSJOBNO (0)	JOB NUMBER FOR INTRDR
52	(34)	BITSTRING	2	JDSCKPL (0)	NUMBER OF LINES TO CHECKPT
52	(34)	BITSTRING	2	JDSCKPP (0)	NUMBER OF PAGES TO CHECKPT
52	(34)	BITSTRING	2	JDSCKPS (0)	NUMBER OF SECONDS TO CHECKPT
52	(34)	CHARACTER	8	JDSCTABN (0)	COMPACTION TABLE NAME
52	(34)	CHARACTER	8	JDSMODE (0)	PROCESS MODE FOR THIS ENTRY
52	(34)	CHARACTER	8	JDSRACU (0)	SUBMITTER'S USERID
52	(34)	CHARACTER	8	JDSRACG (0)	SUBMITTER'S GROUPID
52	(34)	BITSTRING	4	JDSOTBN (0)	OUTBIN ID 0146

Comment

ADDITIONAL FIELDS FOR THE JDS MUST BE PUT IN
BEFORE THE -OTREF FIELD.

End of Comment

52	(34)	BITSTRING	256	JDSOTREF (0)	OUTPUT REFERENCES THIS ENTRY
52	(34)	SIGNED	4	JDSVEND (0)	END PTR IF NO STEP OR PROC EXT.

Comment

VSIZE (ENTRY FIXED SIZE)
THIS LABEL DEFINES THE MAXIMUM SIZE OF THE ENTRY
FIXED PORTION.

End of Comment

52	(34)	BITSTRING	1	JDSVSIZE (0)	

Comment

VSZS1 - VSZS4 (SPINOFF - VARIABLE)
THIS LABEL DEFINES THE LENGTH ATTRIBUTES FOR THE
VARIABLE PARAMETERS THAT ARE USED FOR SPINOFF
PROCESSING. JDS ENTRIES ARE CREATED FOR SPINOFF
PROCESSING WITHIN MODULE IATOSGR (ROUTINE 'SPINOFF'). 0

End of Comment

52	(34)	X'1C'	JDSVSZS1	"L'JDSTYPE+L'JDSFORM+L'JDSFCB+L'JDSUCS"
52	(34)	X'28'	JDSVSZS2	"L'JDSWTRNM+L'JDSDSID+L'JDSCHARS+L'JDSCOPYE"
52	(34)	X'A'	JDSVSZS3	"L'JDSFLASH+L'JDSFLCNT+L'JDSMODID+L'JDSMODRC"
52	(34)	X'14'	JDSVSZS4	"L'JDSLRECL+L'JDSJOBNO+L'JDSRACU+L'JDSRACG"

Comment

VSZS (SPINOFF - MAX VARIABLE)
THIS LABEL DEFINES THE MAXIMUM LENGTH OF THE
VARIABLE PARAMETERS USED FOR SPINOFF PROCESSING.

End of Comment

52	(34)	X'62'	JDSVSZS	"JDSVSZS1+JDSVSZS2+JDSVSZS3+JDSVSZS4"

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					MSZS (SPINOFF - MAXIMUM ENTRY) THIS LABEL DEFINES THE MAXIMUM LENGTH OF A ENTRY FOR SPINOFF.
					End of Comment
52	(34)	X' '		JDSMSZS	"L'JDSVSIZE+JDSVSZS"
					Comment
					VSZ1 - VSZ7 (TOTAL - VARIABLE) THIS LABEL DEFINES THE LENGTH ATTRIBUTES FOR THE ALL THE VARIABLE PARAMETERS.
					End of Comment
52	(34)	X'1C'		JDSVSZ1	"L'JDSTYPE+L'JDSFORM+L'JDSFCB+L'JDSUCS"
52	(34)	X'28'		JDSVSZ2	"L'JDSWTRNM+L'JDSDSID+L'JDSCHARS+L'JDSCOPYE"
52	(34)	X'A'		JDSVSZ3	"L'JDSFLASH+L'JDSFLCNT+L'JDSMODID+L'JDSMODRC"
52	(34)	X'F'		JDSVSZ4	"L'JDSPRTY+L'JDSTHRES+L'JDSDEST2+L'JDSLRECL"
52	(34)	X'8'		JDSVSZ5	"L'JDSJOBNO+L'JDSCKPL+L'JDSCKPP+L'JDSCKPS"
52	(34)	X'20'		JDSVSZ6	"L'JDSCTABN+L'JDSMODE+L'JDSRACU+L'JDSRACG"
52	(34)	X'104'		JDSVSZ7	"L'JDSOTBN+L'JDSOTREF"
					Comment
					VESZ1 - VESIZ (TOTAL - MAXIMUM VARIABLE) THIS LABEL DEFINES THE MAXIMUM LENGTH OF THE PARAMETER ENTRIES.
					End of Comment
52	(34)	X'85'		JDSVESZ1	"JDSVSZ1+JDSVSZ2+JDSVSZ3+JDSVSZ4+JDSVSZ5+JDSVSZ6"
52	(34)	X'189'		JDSVESIZ	"JDSVSZ7+JDSVESZ1"
					Comment
					MXSIZ (MAXIMUM ENTRY SIZE) THIS LABEL DEFINES THE MAXIMUM LENGTH OF THE ENTRY.
					End of Comment
52	(34)	X' '		JDSMXSIZ	"L'JDSVSIZE+JDSVESIZ"

IATYJDSO Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
JDSBTSS	A	40	JDSDCLA	D	8
JDSCFS	A	1	JDSDCOPY	B	8
JDSCHARS	34		JDSDDES	D	1
JDSCHARV	A	20	JDSDDEST	B	80
JDSCKPL	34		JDSDDLEN	24	18
JDSCKPLV	C	4	JDSDDNAM	24	
JDSCKPP	34		JDSDDSID	B	1
JDSCKPPV	C	2	JDSDEST	2C	
JDSCKPS	34		JDSDEST2	34	
JDSCKPSV	C	1	JDSDFCB	B	20
JDSCLASS	2		JDSDFORM	B	40
JDSCOPY	3		JDSDSID	34	
JDSCOPYE	34		JDSDST2V	C	8
JDSCPYEV	A	10	JDSDTYPE	B	2
JDSCTABN	34		JDSDUCS	B	10
JDSCTABV	D	20	JDSFCB	34	

Name	Hex Offset	Hex Value
JDSFLASH	34	
JDSFLCNT	34	
JDSFLCNV	A	4
JDSFLGA	F	
JDSFLG1	A	
JDSFLG3	B	
JDSFLG6	C	
JDSFLG7	D	
JDSFLG8	E	
JDSFLSHV	A	8
JDSFORM	34	
JDSFRMDF	E	8
JDSHLDY	E	40
JDSIPADR	E	10
JDSJDALL	9	80
JDSJDJCL	9	40
JDSJDLOG	9	20
JDSJDMSG	9	10
JDSJESDS	9	
JDSJOBNO	34	
JDSLRECL	34	
JDSMODE	34	
JDSMODID	34	
JDSMODRC	34	
JDSMODRV	D	10
JDSMODV	A	2
JDSMSZS	34	
JDSMXSIZ	34	
JDSOPCDJ	A	80
JDSOTB	E	20
JDSOTBN	34	
JDSOTCLS	12	
JDSOTNR	4	
JDSOTOFS	6	
JDSOTREF	34	
JDSOUTDF	C	80
JDSOUTJB	C	20
JDSOUTPT	0	
JDSOUTRF	C	40
JDSOUTST	C	10
JDSOVFL	8	40
JDSOVFLV	8	80
JDSPGEDF	E	4
JDSPRMV	E	80
JDSPROCN	14	
JDSPRTY	34	
JDSPRTYV	D	80
JDSRACG	34	
JDSRACGV	D	2
JDSRACU	34	
JDSRACUV	D	4
JDSRSVD4	13	
JDSSEPRT	F	80
JDSSPC	8	
JDSSPCV	8	4
JDSSPC1	8	1
JDSSPC2	8	2
JDSSTEP	0	
JDSSTEPN	1C	
JDSSTMTN	4	4
JDSSWBID	10	
JDSTHRES	34	
JDSTHREV	D	40
JDSTRC	A	80
JDSTYPE	34	
JDSUCS	34	
JDSUSRWT	B	4
JDSVEND	34	
JDSVESIZ	34	189
JDSVESZ1	34	85
JDSVSIZE	34	
JDSVSZS	34	62
JDSVSZS1	34	1C
JDSVSZS2	34	28
JDSVSZS3	34	A
JDSVSZS4	34	14
JDSVSZ1	34	1C
JDSVSZ2	34	28
JDSVSZ3	34	A
JDSVSZ4	34	F
JDSVSZ5	34	8
JDSVSZ6	34	20
JDSVSZ7	34	104
JDSWTRNM	34	
JDS13800	A	FA

IATYJEL Heading Information

Common Name: JCT INITIALIZATION ERROR LOGOUT ELEMENT
Macro ID: IATYJEL
DSECT Name: JELSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JEL
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
Size: 16 Bytes
Created by: IATINJQ
Pointed to by: INTJELAD IN IATYINT
JELNEXT IN IATYJEL
Serialization: NONE
Function: Describes a JCT record for which job validation/restart is to be bypassed.

IATYJEL Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JELSTART	
0	(0)	CHARACTER	4	JELID	DATA AREA ID
4	(4)	ADDRESS	4	JELNEXT	ADDRESS OF NEXT JEL ENTRY OR ZERO
8	(8)	BITSTRING	4	JELRECNO	JCT RECORD NUMBER (R OF M.R)

Comment

```
-------------------------------------------------------------
 JELFLG1 --- ERROR INDICATOR
-------------------------------------------------------------
```

End of Comment

12	(C)	BITSTRING	1	JELFLG1	ERROR INDICATOR
		1...		JELIOERR	"X'80'" - READ ERROR
		.1..		JELDATM	"X'40'" - DATSPMOD INVALID
		..1.		JELDATR	"X'20'" - DATSPREC INVALID
		...1		JELDATID	"X'10'" - SRFID INVALID
		.... 1...		JELJCTID	"X'08'" - JCTID INVALID
		.... .1..		JELDUPNO	"X'04'" - DUPLICATE JOB NUMBER
		.... ..1.		JELBADNO	"X'02'" - INVALID JOB NUMBER
13	(D)	BITSTRING	1	JELRSERV (3)	RESERVED FOR DEVELOPMENT
16	(10)	DBL WORD	8	JELEND (0)	- ALIGN JEL TO DOUBLEWORD
16	(10)	X'10'	0	JELSIZE	"JELEND-JELSTART" SIZE OF JEL

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IATYJEL Cross Reference

Name	Hex Offset	Hex Value
JELBADNO	C	2
JELDATID	C	10
JELDATM	C	40
JELDATR	C	20
JELDUPNO	C	4
JELEND	10	
JELFLG1	C	
JELID	0	
JELIOERR	C	80
JELJCTID	C	8
JELNEXT	4	
JELRECNO	8	
JELRSERV	D	
JELSIZE	10	10
JELSTART	0	

IATYJET Heading Information

Common Name: JET (JDS Entry Table)
Macro ID: IATYJET
DSECT Name: JETSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JET
Offset: 0
Length: 4
Storage Attributes: Main Storage: JES3JET Data Space
Auxiliary Storage: N/A
Key: 1
Residency: Any
Size: Header: 8 bytes
Body: A multiple of JETESIZE, depending on the JES3 buffer size
Created by: IATDMJV
IATGRJA
Pointed to by: CSBTUSER in JDS type entry
Serialization: None
Function: This macro is used to map the JDS Entry Table. Each entry in the table corresponds to a JDS entry in a JDS buffer and contains a quick summary of data in the entry.

IATYJET Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JETSTART	, Start of JET mapping
0	(0)	CHARACTER	4	JETNAME	Eyecatcher
4	(4)	SIGNED	2	JET0JDS	Size of largest zeroed JDS entry
6	(6)	ADDRESS	1	JETVER	JET version
6	(6)	X'1'	0	JETIVER	"1" Initial version number
6	(6)	X'1'	0	JETCVER	"JETIVER" Current version number
7	(7)	BITSTRING	1	JETRSVD	Reserved for IBM
8	(8)	SIGNED	4	JETHEND (0)	End of header section
8	(8)	X'8'	0	JETHSIZE	"JETHEND-JETSTART" Size of JET header section

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JETESTRT	Start of JET entry section
0	(0)	SIGNED	2	JETEOFST	Entry offset (also first halfword of JDS Note value)
2	(2)	SIGNED	2	JETERSVD	Reserved for IBM
4	(4)	SIGNED	4	JETEVLID	VALID value if data set TAT is used
8	(8)	SIGNED	4	JETEDSKY	Old CTOKEN data set key from JDSDSKEY
12	(C)	CHARACTER	8	JETEDSNA	Data set name from JDSDSNAM
20	(14)	CHARACTER	8	JETEJBNM	Job name from JDSJOBNM - may be different if JSAB used
20	(14)	X'1C'	0	JETEEND	"*" End of JET data set section
20	(14)	X'1C'	0	JETESIZE	"JETEEND-JETESTRT" Size of JET data set section

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IATYJET Cross Reference

Name	Hex Offset	Hex Value
JETCVER	6	1
JETEDSKY	8	0
JETEDSNA	C	40404040
JETEEND	14	1C
JETEJBNM	14	40404040
JETEOFST	0	0
JETERSVD	2	0
JETESIZE	14	1C
JETESTRT	0	
JETEVLID	4	0
JETHEND	8	
JETHSIZE	8	8
JETIVER	6	1
JETNAME	0	D1C5E340
JETRSVD	7	0
JETSTART	0	
JETVER	6	
JET0JDS	4	0

IATYJLSI Heading Information

Common Name: JESLOG (JESMSGLG/JESYSMSG) Spinoff SRB/IRB Parameter List
Macro ID: IATYJLSI
DSECT Name: JSISTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
Subpool: 231
Size: JSISIZE for the command function
JSICSIZE for the connect function
Created by: IATGRWM for the command function
IATMSR1 for the connect function
Pointed to by: IATGRWM mainline register
MEMEJLSI for the connect function
Serialization: NONE
Function: This data area maps the parameter list used in the scheduling of the SRB and IRB routines in response to a '*F J=xx SPIN' command or during connect processing to a down-level global.

IATYJLSI Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JSISTART	
0	(0)	CHARACTER	8	JSIID	Work area identifier

Comment

The following fields are set by the module issuing the IEAMSCHD macro to create the SRB that is to process the JESlog spinoff request.

End of Comment

8	(8)	ADDRESS	4	JSIMEM	MEM address
12	(C)	SIGNED	4	JSIASID	ASID of user
16	(10)	CHARACTER	8	JSIJNAM	Job name of job for spinoff
24	(18)	BITSTRING	8	JSIJNUM	Job number (EBCDIC)
32	(20)	BITSTRING	8	JSIATKN	STOKEN
40	(28)	BITSTRING	16	JSITTKN	Task (TCB) token
56	(38)	ADDRESS	4	JSISRBA	SRB routine address
60	(3C)	ADDRESS	4	JSIRMTRA	RMTR address for SRB 0079
64	(40)	DBL WORD	8	JSIGENW	General work area
72	(48)	SIGNED	4	JSIRSVD1 (4)	Reserved for IBM

Comment

The following fields are set by the SRB routine processing the JESlog spinoff request.

End of Comment

88	(58)	ADDRESS	4	JSITCB	TCB address
92	(5C)	ADDRESS	4	JSIJTCB	Job Step TCB address

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Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
96	(60)	ADDRESS	4	JSIIRBA	IRB routine address
100	(64)	SIGNED	4	JSIRSVD2 (4)	Reserved for IBM

Comment

```
-------------------------------------------------------------
      The following fields are used by all users of
      this parameter list.
-------------------------------------------------------------
```

End of Comment

116	(74)	BITSTRING	1	JSISTFL	Status flags
		1...		JSIIRBC	"X'80'" IRB has been created
		.1..		JSIRECS	"X'40'" Recursive abend
		..1.		JSIST20	"X'20'" Reserved
		...1		JSIST10	"X'10'" Reserved
		.... 1...		JSIST08	"X'08'" Reserved
		.... .1..		JSIST04	"X'04'" Reserved
		.... ..1.		JSIST02	"X'02'" Reserved
		1		JSIST01	"X'01'" Reserved
117	(75)	BITSTRING	3	JSIRSV2	Reserved for IBM 0079

Comment

```
------------------------------------------------------------- 0
      Start of list area. 0
------------------------------------------------------------- 0
                                                              0
      SCHEDIRB MF=(L,JSISIRB) 0
          MACDATE -12/16/94-<0>
```

End of Comment

120	(78)	SIGNED	2	M00M0002 (0)	SCHEDIRB-0
120	(78)	DBL WORD	8	JSISIRB (0)	++ SCHEDIRB PARM LIST
120	(78)	BITSTRING	1	JSISIRB_XVERSION	
					++ INPUT XVERSION
121	(79)	BITSTRING	1	JSISIRB_XFLAGS	
					++ FIELD_LABEL
		1...		JSISIRB_XMODE_PROB	
					"B'10000000'" ++ XMODE.PROB KEYWORD
		.1..		JSISIRB_XKEY_PROP	
					"B'01000000'" ++ XKEY.PROP KEYWORD
		..1.		JSISIRB_XSVAREA_YES	
					"B'00100000'" ++ XSVAREA.YES KEYWORD
122	(7A)	CHARACTER	2	JSISIRB_XRSV0002	
					++ RESERVED XRSV0002
124	(7C)	ADDRESS	4	JSISIRB_XEPPTR	
					++ XEPPTR
128	(80)	ADDRESS	4	JSISIRB_XTCBPTR	
					++ XTCBPTR
132	(84)	ADDRESS	4	JSISIRB_XRBPTR	
					++ XRBPTR
136	(88)	ADDRESS	4	JSISIRB_XPARAMPTR	
					++ XPARAMPTR
140	(8C)	ADDRESS	4	JSISIRB_XIQEPTR	
					++ XIQEPTR
140	(8C)	X'18'	0	JSISIRBL	"*-JSISIRB" ++ LENGTH OF PLIST

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					SCHEDIRB-0
					0
					IEAMSCHD MF=(L,JSISMSC) 0
					MACDATE -09/30/97-<2>
				End of Comment	
0	(0)	X'90'	0	M00M0005	"JSISMSC" ++ IEAMSCHD NAME
144	(90)	DBL WORD	8	JSISMSC (0)	++ IEAMSCHD PARM LIST
144	(90)	BITSTRING	1	JSISMSC_XVERSION	
					++ INPUT XVERSION
145	(91)	BITSTRING	1	JSISMSC_XFLAG1	
					++ FIELD_LABEL
		.... 1...		JSISMSC_XENV_STOKEN	
					"B'00001000'" ++ XENV.STOKEN KEYWORD
		.... .1..		JSISMSC_XENV_FULLXM	
					"B'00000100'" ++ XENV.FULLXM KEYWORD
		.... ..1.		JSISMSC_XENV_PRIMARY	
					"B'00000010'" ++ XENV.PRIMARY KEYWORD
		1		JSISMSC_XENV_HOME	
					"B'00000001'" ++ XENV.HOME KEYWORD
146	(92)	BITSTRING	1	JSISMSC_XFLAG2	
					++ FIELD_LABEL
		..1.		JSISMSC_KEYUSED_DUALPOOLTOKEN	
					"B'00100000'" ++ KEYUSED.DUALPOOLTOKEN KEYWORD
		...1		JSISMSC_XSYNCH_YES	
					"B'00010000'" ++ XSYNCH.YES KEYWORD
		.... 1...		JSISMSC_KEYUSED_KEYVALUE	
					"B'00001000'" ++ KEYUSED.KEYVALUE KEYWORD
		.... .1..		JSISMSC_XLLOCK_YES	
					"B'00000100'" ++ XLLOCK.YES KEYWORD
		.... ..1.		JSISMSC_XFEATURE_CPMASK	
					"B'00000010'" ++ XFEATURE.CPMASK KEYWORD
		1		JSISMSC_XFEATURE_CRYPTO	
					"B'00000001'" ++ XFEATURE.CRYPTO KEYWORD
147	(93)	BITSTRING	1	JSISMSC_XFLAG3	
					++ FIELD_LABEL
		..1.		JSISMSC_XPRIORITY_CLIENT	
					"B'00100000'" ++ XPRIORITY.CLIENT KEYWORD
		...1		JSISMSC_XPRIORITY_ENCLAVE	
					"B'00010000'" ++ XPRIORITY.ENCLAVE KEYWORD
		.... 1...		JSISMSC_XPRIORITY_PREEMPT	
					"B'00001000'" ++ XPRIORITY.PREEMPT KEYWORD
		.... .1..		JSISMSC_XPRIORITY_CURRENT	
					"B'00000100'" ++ XPRIORITY.CURRENT KEYWORD
		.... ..1.		JSISMSC_XPRIORITY_GLOBAL	
					"B'00000010'" ++ XPRIORITY.GLOBAL KEYWORD
		1		JSISMSC_XPRIORITY_LOCAL	
					"B'00000001'" ++ XPRIORITY.LOCAL KEYWORD
148	(94)	ADDRESS	4	JSISMSC_XEPADDR	
					++ XEPADDR
152	(98)	BITSTRING	8	JSISMSC_XTARGETSTOKEN	
					++ XTARGETSTOKEN
160	(A0)	CHARACTER	8	JSISMSC_XENCLAVETOKEN	
					++ XENCLAVETOKEN
168	(A8)	BITSTRING	1	JSISMSC_XMINORPRIORITY	
					++ XMINORPRIORITY
169	(A9)	BITSTRING	1	JSISMSC_XKEYVALUE	
					++ XKEYVALUE
170	(AA)	BITSTRING	2	JSISMSC_XCPUMASK	
					++ XCPUMASK
172	(AC)	SIGNED	4	JSISMSC_XPARM	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					++ XPARM
176	(B0)	ADDRESS	4	JSISMSC_XFRRADDR	
					++ XFRRADDR
180	(B4)	ADDRESS	4	JSISMSC_XRMTRADDR	
					++ XRMTRADDR
184	(B8)	BITSTRING	8	JSISMSC_XPURGESTOKEN	
					++ XPURGESTOKEN
192	(C0)	ADDRESS	4	JSISMSC_XPTCBADDR	
					++ XPTCBADDR
196	(C4)	BITSTRING	8	JSISMSC_XCLIENTSTOKEN	
					++ XCLIENTSTOKEN
196	(C4)	X'CC'	0	JSISMSC_PL_END	
					"*" ++ END OF BASE PLIST
196	(C4)	X'3C'	0	JSISMSCL	"*-JSISMSC" ++ LENGTH OF PLIST

Comment

IEAMSCHD-2
0
0
End of Connect Section 0
0

End of Comment

0	(0)	X'CC'	0	JSICEND	"*" Connect section end 0079
0	(0)	X'CC'	0	JSICSIZE	"JSICEND-JSISTART" Connect JSI size 0079

Comment

```
SIWCNDB IATYCNDB DSECT=NO Calling console dest block
  IATYCNDB_1:;
  START OF SPECIFICATIONS
 01 PROPRIETARY STATEMENT=
   PROPRIETARY_STATEMENT
   LICENSED MATERIALS - PROPERTY OF IBM
   THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
   5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
   STATUS= HJS6604
   END_OF_PROPRIETARY_STATEMENT
     This data area is maintained as a CASE mapping macro.
     Changes should be made to the CASE source and then
     the PLX and Assembler should be regenerated.
     Do NOT make changes to the PLX or Assembler directly!
 01 Descriptive Name: Console Destination Block
      Acronym: CNDB
 01 Macro Name: IATYCNDB
 01 DSECT Name: IATYCNDB
```

```
      --based variable for storage mapping
 01 Component: JES3 (SC1BA)
 01 Function:
 02 The console destination block is a control block that
      contains information related to the destination that
      messages should be sent to. This control block is built
      as commands are entered into to the system and is used by
      command processors as a destination for where to return
      messages to. The control block is imbeded in other
      control blocks and the size of the data area must not
      change (otherwise a JES3 cold start is required). The
      data is referenced by non-source maintained modules, so
      offsets into the data area must not change.
 01 Eye-Catcher: CNDBEYE
 02 Offset: 4
 02 Length: 4
 01 Language: PL/X
 01 Storage Attributes:
 02 Allocation Method: Imbeded within other control blocks
 02 Main Storage: 94
 02 Virtual Storage: 94
 02 Auxiliary Storage: 94
 02 Subpool: n/a
 02 Key: 1
 02 Data Space: N/A
 02 Residency: any
 02 Frequency: n/a
 02 Size: 94
 02 Created by: n/a
 02 Deleted by: n/a
 02 Pointed to by: Imbeded within other control blocks
 02 Serialization: none
 01 EXTERNAL CLASSIFICATION: DMTI
 01 END OF EXTERNAL CLASSIFICATION:
 01 Distribution Library: AJES3MAC
 01 Method Of access:
 02 ASM: IATYCNDB
 02 PLX: %INCLUDE SYSLIB(IATYCNDB)
 01 CHANGE ACTIVITY:
    $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
    $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
     CASE/390 - VERSION 49
  END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
204	(CC)	SIGNED	4	JSICNDB (0)	IATYCNDB.27: based variable for storage mapping
204	(CC)	SIGNED	4		Four byte console id 0176
208	(D0)	CHARACTER	4		IATYCNDB eyecatcher
212	(D4)	ADDRESS	4		IATYCNDB version
216	(D8)	BITSTRING	8		Reserved for development
224	(E0)	BITSTRING	8		Console Name 0176
232	(E8)	BITSTRING	24		Reserved for development
256	(100)	SIGNED	2		Reserved for development
258	(102)	BITSTRING	40		Reserved for development
300	(12C)	SIGNED	4	(0)	
300	(12C)	BITSTRING	4	JSICNID	Console ID parm/work area
304	(130)	BITSTRING	1	JSICART	CART MACDATE -94/10/04-<3>
0	(0)	X'138'	0	M00M0007	"JSIXCNB" ++ IATXCNDB NAME
312	(138)	DBL WORD	8	JSIXCNB (0)	++ IATXCNDB PARM LIST
312	(138)	BITSTRING	1	JSIXCNB_XVERSION	++ INPUT XVERSION
313	(139)	CHARACTER	6	JSIXCNB_XEYECATCH	++ CONSTANT XEYECATCH

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
319	(13F)	BITSTRING	2	JSIXCNB_XFLAG1	++ FIELD_LABEL
319	(13F)	BITSTRING	0	JSIXCNB_XOPERATION_INITIALIZE	"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
319	(13F)	BITSTRING	0	JSIXCNB_XOPERATION_TRANSFER	"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD
319	(13F)	BITSTRING	0	JSIXCNB_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
319	(13F)	BITSTRING	0	JSIXCNB_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
319	(13F)	BITSTRING	0	JSIXCNB_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
319	(13F)	BITSTRING	0	JSIXCNB_XOPERATION_TRANSCONSID	"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
319	(13F)	BITSTRING	0	JSIXCNB_XOPERATION_TRANSROUT	"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
319	(13F)	BITSTRING	0	JSIXCNB_XOPERATION_EXTRACTCONSID	"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		JSIXCNB_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		JSIXCNB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		JSIXCNB_XOPERATION_EXTRACTROUT	"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		JSIXCNB_XOPERATION_EXTRACTCART	"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
321	(141)	BITSTRING	1	JSIXCNB_XABEND	++ INPUT
		1...		JSIXCNB_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		JSIXCNB_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
322	(142)	BITSTRING	1	JSIXCNB_XUSERADDR	++ FIELD_LABEL XUSERADDR
323	(143)	CHARACTER	1	JSIXCNB_XRSV001	++ RESERVED XRSV001
324	(144)	ADDRESS	4	JSIXCNB_XCNDB	++ XCNDB
328	(148)	ADDRESS	4	JSIXCNB_XOUTCNDB	++ XOUTCNDB
332	(14C)	ADDRESS	4	JSIXCNB_XINCNDB	++ XINCNDB
336	(150)	ADDRESS	4	JSIXCNB_XCONSNM	++ XCONSNM
340	(154)	ADDRESS	4	JSIXCNB_XCONSID	++ XCONSID
344	(158)	ADDRESS	4	JSIXCNB_XOUTCONSID	++ XOUTCONSID
348	(15C)	CHARACTER	2	JSIXCNB_XRSV002	++ RESERVED XRSV002
350	(15E)	BITSTRING	1	JSIXCNB_XFLAG2	++ FIELD_LABEL
		1...		JSIXCNB_XCMDIND_YES	"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		JSIXCNB_XCMDIND_NO	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					"B'01000000'" ++ XCMDIND.NO KEYWORD
351	(15F)	BITSTRING	1	JSIXCNB_XKEYS	
					++ FIELD_LABEL
		1...		JSIXCNB_KEYUSED_CMDIND	
					"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
352	(160)	ADDRESS	4	JSIXCNB_XROUT	
					++ XROUT
356	(164)	ADDRESS	4	JSIXCNB_XCART	
					++ XCART
360	(168)	ADDRESS	4	JSIXCNB_XOUTCONSNAME	
					++ XOUTCONSNAME
364	(16C)	ADDRESS	4	JSIXCNB_XOUTCONSTYPE	
					++ XOUTCONSTYPE
368	(170)	ADDRESS	4	JSIXCNB_XOUTROUT	
					++ XOUTROUT
372	(174)	ADDRESS	4	JSIXCNB_XOUTCART	
					++ XOUTCART
372	(174)	X'40'	0	JSIXCNBL	"*-JSIXCNB" ++ LENGTH OF PLIST

Comment

IATXCNDB-3
MACDATE = 04/03/89

End of Comment

376	(178)	SIGNED	4	JSITCBT (0)	
376	(178)	CHARACTER	16	(0)	TCB TOKEN (INPUT/OUTPUT)
376	(178)	BITSTRING	8		
384	(180)	SIGNED	4		
388	(184)	ADDRESS	4		
392	(188)	ADDRESS	4		ASCB ADDRESS (INPUT)
396	(18C)	SIGNED	4	(0)	FLAGS (INPUT)
396	(18C)	SIGNED	1		TYPE OF TCBTOKEN REQUEST
397	(18D)	SIGNED	3		RESERVED
400	(190)	SIGNED	4	(0)	
400	(190)	ADDRESS	1	JSIESLT	FLAGS FOR ESTAEX
401	(191)	ADDRESS	1		SECOND FLAG BYTE
402	(192)	ADDRESS	1		THIRD FLAG BYTE
403	(193)	ADDRESS	1		VERSION NUMBER
404	(194)	ADDRESS	4		TOKEN VALUE AREA
408	(198)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
412	(19C)	ADDRESS	4		ALET FOR PARM LIST
416	(1A0)	ADDRESS	4		EXIT ADDR NOT SPECD
420	(1A4)	SIGNED	4	JSISDMP (0)	SDUMP PARAMETER LIST
420	(1A4)	ADDRESS	1		FLAG BYTE
421	(1A5)	ADDRESS	1		FLAG BYTE
422	(1A6)	ADDRESS	1		FLAG BYTE
423	(1A7)	ADDRESS	1		FLAG BYTE
424	(1A8)	ADDRESS	4		ADDRESS OF DCB
428	(1AC)	ADDRESS	4		ADDRESS OF STORAGE LIST
432	(1B0)	ADDRESS	4		ADDRESS OF USER DATA
436	(1B4)	ADDRESS	4		ADDRESS OF ECB/SRB
440	(1B8)	ADDRESS	2		CURRENT ASID
442	(1BA)	ADDRESS	2		OTHER ASID
444	(1BC)	ADDRESS	4		ADDRESS OF ASID LIST
448	(1C0)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
452	(1C4)	ADDRESS	4		RESERVED
456	(1C8)	ADDRESS	4		RESERVED
460	(1CC)	SIGNED	4	JSIWTO (0)	
460	(1CC)	ADDRESS	2		TEXT LENGTH
462	(1CE)	BITSTRING	2		MCSFLAGS
464	(1D0)	ADDRESS	4		MESSAGE TEXT ADDRESS
468	(1D4)	ADDRESS	1		VERSION LEVEL
469	(1D5)	BITSTRING	1		MISCELLANEOUS FLAGS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
470	(1D6)	ADDRESS	1		REPLY LENGTH
471	(1D7)	ADDRESS	1		LENGTH OF WPX
472	(1D8)	BITSTRING	2		EXTENDED MCS FLAGS
474	(1DA)	ADDRESS	2		RESERVED
476	(1DC)	ADDRESS	4		REPLY BUFFER ADDRESS
480	(1E0)	ADDRESS	4		REPLY ECB ADDRESS
484	(1E4)	ADDRESS	4		CONNECT ID
488	(1E8)	BITSTRING	2		DESCRIPTOR CODES
490	(1EA)	ADDRESS	2		RESERVED
492	(1EC)	BITSTRING	16		
508	(1FC)	BITSTRING	2		MESSAGE TYPE
510	(1FE)	ADDRESS	2		MESSAGE'S PRIORITY
512	(200)	CHARACTER	8		JOB ID
520	(208)	CHARACTER	8		JOB NAME
528	(210)	CHARACTER	8		RETRIEVAL KEY
536	(218)	ADDRESS	4		TOKEN FOR DOM
540	(21C)	ADDRESS	4		CONSOLE ID
544	(220)	CHARACTER	8		SYSTEM NAME
552	(228)	CHARACTER	8		CONSOLE NAME
560	(230)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
564	(234)	ADDRESS	4		CART ADDRESS
568	(238)	ADDRESS	4		WSPARM ADDRESS
568	(238)	X'70'	0	JSIWTOZ	"*-JSIWTO" WTO parameter list size
572	(23C)	ADDRESS	2	JSIMSG	IAT8147/IAT8148 msg area
574	(23E)	CHARACTER	45		
619	(26B)	CHARACTER	8		Job name
627	(273)	CHARACTER	2		
629	(275)	CHARACTER	8		Job id
637	(27D)	CHARACTER	2		
639	(27F)	CHARACTER	15		
656	(290)	SIGNED	4	JSIRSVD3 (4)	Reserved for IBM

Comment

0

End of command section. 0

0

End of Comment

656	(290)	X'2A0'	0	JSIEND	"*" End of JSI
656	(290)	X'2A0'	0	JSISIZE	"JSIEND-JSISTART" Size of JSI

Comment

IATYJLSI PREVIOUSLY GENERATED

End of Comment

IATYJLSI Cross Reference

Name	Hex Offset	Hex Value
JSIASID	C	0
JSIATKN	20	0
JSICART	130	
JSICEND	0	CC
JSICNDB	CC	
JSICNID	12C	
JSICSIZE	0	CC
JSIEND	290	2A0
JSIESLT	190	
JSIGENW	40	
JSIID	0	C9C1E3E8
JSIIRBA	60	
JSIIRBC	74	80
JSIJNAM	10	40404040
JSIJNUM	18	0
JSIJTCB	5C	
JSIMEM	8	
JSIMSG	23C	
JSIRECS	74	40
JSIRMTRA	3C	
JSIRSVD1	48	0
JSIRSVD2	64	0
JSIRSVD3	290	0
JSIRSV2	75	0
JSISDMP	1A4	
JSISIRB	78	
JSISIRB_XEPPTR	7C	
JSISIRB_XFLAGS	79	
JSISIRB_XIQEPTR	8C	
JSISIRB_XKEY_PROP	79	40
JSISIRB_XMODE_PROB	79	80
JSISIRB_XPARAMPTR	88	
JSISIRB_XRBPTR	84	
JSISIRB_XRSV0002	7A	
JSISIRB_XSVAREA_YES	79	20
JSISIRB_XTCBPTR	80	
JSISIRB_XVERSION	78	
JSISIRBL	8C	18
JSISIZE	290	2A0
JSISMSC	90	
JSISMSC_KEYUSED_DUALPOOLTOKEN	92	20
JSISMSC_KEYUSED_KEYVALUE	92	8
JSISMSC_PL_END	C4	CC
JSISMSC_XCLIENTSTOKEN	C4	
JSISMSC_XCPUMASK	AA	
JSISMSC_XENCLAVETOKEN	A0	
JSISMSC_XENV_FULLXM	91	4
JSISMSC_XENV_HOME	91	1
JSISMSC_XENV_PRIMARY	91	2
JSISMSC_XENV_STOKEN	91	8
JSISMSC_XEPADDR	94	
JSISMSC_XFEATURE_CPMASK	92	2
JSISMSC_XFEATURE_CRYPTO	92	1
JSISMSC_XFLAG1	91	
JSISMSC_XFLAG2	92	
JSISMSC_XFLAG3	93	
JSISMSC_XFRRADDR	B0	
JSISMSC_XKEYVALUE	A9	
JSISMSC_XLLOCK_YES	92	4
JSISMSC_XMINORPRIORITY	A8	
JSISMSC_XPARM	AC	
JSISMSC_XPRIORITY_CLIENT	93	20
JSISMSC_XPRIORITY_CURRENT	93	4
JSISMSC_XPRIORITY_ENCLAVE	93	10
JSISMSC_XPRIORITY_GLOBAL	93	2
JSISMSC_XPRIORITY_LOCAL	93	1
JSISMSC_XPRIORITY_PREEMPT	93	8
JSISMSC_XPTCBADDR	C0	
JSISMSC_XPURGESTOKEN	B8	
JSISMSC_XRMTRADDR	B4	
JSISMSC_XSYNCH_YES	92	10
JSISMSC_XTARGETSTOKEN	98	
JSISMSC_XVERSION	90	
JSISMSCL	C4	3C
JSISRBA	38	
JSISTART	0	
JSISTFL	74	0
JSIST01	74	1
JSIST02	74	2
JSIST04	74	4
JSIST08	74	8
JSIST10	74	10

Name	Hex Offset	Hex Value
JSIST20	74	20
JSITCB	58	
JSITCBT	178	
JSITTKN	28	0
JSIWTO	1CC	
JSIWTOZ	238	70
JSIXCNB	138	
JSIXCNB_KEYUSED_CMDIND	15F	80
JSIXCNB_XABEND	141	
JSIXCNB_XABEND_NO	141	40
JSIXCNB_XABEND_YES	141	80
JSIXCNB_XCART	164	
JSIXCNB_XCMDIND_NO	15E	40
JSIXCNB_XCMDIND_YES	15E	80
JSIXCNB_XCNDB	144	
JSIXCNB_XCONSID	154	
JSIXCNB_XCONSNM	150	
JSIXCNB_XEYECATCH	139	
JSIXCNB_XFLAG1	13F	
JSIXCNB_XFLAG2	15E	
JSIXCNB_XINCNDB	14C	
JSIXCNB_XKEYS	15F	
JSIXCNB_XOPERATION_EXTRACTCART	0	10
JSIXCNB_XOPERATION_EXTRACTCONSID	13F	100
JSIXCNB_XOPERATION_EXTRACTCONSNAME	13F	80
JSIXCNB_XOPERATION_EXTRACTCONSTYPE	0	40
JSIXCNB_XOPERATION_EXTRACTROUT	0	20
JSIXCNB_XOPERATION_INITIALIZE	13F	8000
JSIXCNB_XOPERATION_RESET	13F	1000
JSIXCNB_XOPERATION_TRANSCONSID	13F	400
JSIXCNB_XOPERATION_TRANSFER	13F	4000
JSIXCNB_XOPERATION_TRANSROUT	13F	200
JSIXCNB_XOPERATION_UPDATE	13F	2000
JSIXCNB_XOPERATION_VERIFY	13F	800
JSIXCNB_XOUTCART	174	
JSIXCNB_XOUTCNDB	148	
JSIXCNB_XOUTCONSID	158	
JSIXCNB_XOUTCONSNAME	168	
JSIXCNB_XOUTCONSTYPE	16C	
JSIXCNB_XOUTROUT	170	
JSIXCNB_XROUT	160	
JSIXCNB_XRSV001	143	
JSIXCNB_XRSV002	15C	
JSIXCNB_XUSERADDR	142	
JSIXCNB_XVERSION	138	
JSIXCNBL	174	40
M00M0002	78	
M00M0005	0	90
M00M0007	0	138

IATYJLSP Heading Information

Common Name: JESLOG (JESMSGLG/JESYSMSG) Spinoff Staging Area Parameter List
Macro ID: IATYJLSP
DSECT Name: JSPSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0
Size: JSPSIZE
Created by: IATJLSP
Pointed to by: IATJLSP mainline register
Serialization: NONE
Function: This data area maps the staging area request/reply area used for JESMSGLG and JESYSMSG datasets.

IATYJLSP Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JSPSTART	
0	(0)	SIGNED	2	JSPREQLN	Length of JSP - this two length field is required for JSERV processing
2	(2)	CHARACTER	8	JSPID	Control block identifier
10	(A)	ADDRESS	1	JSPVER	JSP version
10	(A)	X'1'	0	JSPIVER	"1" Initial version number
10	(A)	X'1'	0	JSPCVER	"JSPIVER" Current version number
11	(B)	BITSTRING	1	JSPRSVD1	Reserved for development
16	(10)	DBL WORD	8	JSPCONA (2)	Hex conversion work area
32	(20)	SIGNED	4	JSPCONB	for new JDS dataset number
36	(24)	ADDRESS	4	JSPJIBAD	Address of JIB (save area)
40	(28)	ADDRESS	4	JSPMEMAD	MEM entry address
44	(2C)	SIGNED	4	JSPDSNUM	New dataset number
48	(30)	SIGNED	4	JSPRSVD2 (6)	Reserved for IBM
72	(48)	BITSTRING	1	JSPRETNC	Return code from JES3 Global
72	(48)	X'0'	0	JSPRETOK	"0" OK return code
72	(48)	X'4'	0	JSPRETER	"4" Error return code
73	(49)	BITSTRING	1	JSPFLAG1	Flag 1

Comment

```
-------------------------------------------------------------
      Flag 1
      NOTE: The below flag definition must match that
            of flag byte DSSFLAG7 in IATYDSS.
-------------------------------------------------------------
```

End of Comment

		1...		JSPJMREQ	"X'80'" Request is for JESMSGLG
		.1..		JSPSMREQ	"X'40'" Request is for JESYSMSG
		..1.		JSPLINRQ	"X'20'" Request is for line count
		...1		JSPTINRQ	"X'10'" Request is for time interval
		.... 1...		JSPTODRQ	"X'08'" Request is for time of day
		.... .1..		JSPCMDRQ	"X'04'" Request is for op command
		.... ..1.		JSPFL102	"X'02'" Reserved for IBM
		1		JSPFL101	"X'01'" Reserved for IBM
74	(4A)	BITSTRING	2	JSPRSVD3	Reserved for IBM

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Spool control block. ----------	
				End of Comment	
76	(4C)	BITSTRING	1	JSPNSFDB	New spool address for JESMSGLG/JESYSMSG
				Comment	
				---------- Work area to build new JDS entry. ----------	
				End of Comment	
82	(52)	BITSTRING	328	JSPJDSWA	JDS work area
410	(19A)	BITSTRING	2	JSPRSVD4	Reserved for development
412	(19C)	SIGNED	2	(0)	Alignment
412	(19C)	BITSTRING	16	JSPTCLK	MVS TIME service data area
412	(19C)	SIGNED	4	JSPTIME1	Word 1 of TIME
416	(1A0)	SIGNED	4	JSPTIME2	Word 2 of TIME
420	(1A4)	SIGNED	4	JSPDATE	Current date
424	(1A8)	SIGNED	4	JSPTIME4	Unused
428	(1AC)	BITSTRING	8	JSPSTCK	STCK work area
				Comment	
				MACDATE 09/08/99	
				End of Comment	
436	(1B4)	SIGNED	4	JSPTIMEL (0)	
436	(1B4)	BITSTRING	28		
				Comment	
				MACDATE 05/30/98	
				End of Comment	
436	(1B4)	SIGNED	4	JSPCTODL (0)	
436	(1B4)	BITSTRING	32		
468	(1D4)	SIGNED	4	JSPREGSV (15)	Register save area
528	(210)	SIGNED	4	JSPRSVD5 (6)	Reserved for IBM
552	(228)	ADDRESS	1	JSPM8148	IAT8148 msg area
553	(229)	CHARACTER	45	JSP8148B	
598	(256)	CHARACTER	8	JSP8148N	Job name
606	(25E)	CHARACTER	2		
608	(260)	CHARACTER	8	JSP8148I	Job id
616	(268)	CHARACTER	2		
618	(26A)	CHARACTER	15		
618	(26A)	X'279'	0	JSP4148E	"*"
				Comment	
				---------- End of data area. ----------	
				End of Comment	
618	(26A)	X'279'	0	JSPEND	"*" End of JSP
618	(26A)	X'279'	0	JSPSIZE	"JSPEND-JSPSTART" Size of JSP

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description

Comment

IATYJLSP PREVIOUSLY GENERATED

End of Comment

IATYJLSP Cross Reference

Name	Hex Offset	Hex Value
JSPCMDRQ	49	4
JSPCONA	10	0
JSPCONB	20	
JSPCTODL	1B4	
JSPCVER	A	1
JSPDATE	1A4	0
JSPDSNUM	2C	0
JSPEND	26A	279
JSPFLAG1	49	0
JSPFL101	49	1
JSPFL102	49	2
JSPID	2	C9C1E3E8
JSPIVER	A	1
JSPJDSWA	52	
JSPJIBAD	24	
JSPJMREQ	49	80
JSPLINRQ	49	20
JSPMEMAD	28	
JSPM8148	228	
JSPNSFDB	4C	0
JSPREGSV	1D4	0
JSPREQLN	0	
JSPRETER	48	4
JSPRETNC	48	0
JSPRETOK	48	0
JSPRSVD1	B	0
JSPRSVD2	30	0
JSPRSVD3	4A	0
JSPRSVD4	19A	0
JSPRSVD5	210	0
JSPSIZE	26A	279
JSPSMREQ	49	40
JSPSTART	0	
JSPSTCK	1AC	
JSPTCLK	19C	
JSPTIMEL	1B4	
JSPTIME1	19C	0
JSPTIME2	1A0	0
JSPTIME4	1A8	0
JSPTINRQ	49	10
JSPTODRQ	49	8
JSPVER	A	
JSP4148E	26A	279
JSP8148B	229	C9C1E3F8
JSP8148I	260	40404040
JSP8148N	256	40404040

IATYJMQ Heading Information

Common Name: DUMMY CONTROL SECTION FOR THE JESMSG QUEUE CONTROL AREA AND JESMSG QUEUE ENTRIES
Macro ID: IATYJMQ
DSECT Name: IATYMJQ, JMQENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JMQ
Offset: 0
Length: 3
Storage Attributes: Subpool: JESPOOL
Key: JES Key
Residency: Below 16M
Size: JMQASIZE - 210 Bytes
JMQESIZE - 188 Bytes
MAX Entry Number - 597 Bytes
Created by: IATINC2
Pointed to by: TVTJMQA field of the TVT data area
Serialization: NONE
Function: Maintains a queue of pending asynchronous JESMSG requests.
Requests are placed on this queue by module IATGRJM for the following JESMSG conditions:
(1) JESMSG TYPE=ASYNCH request
(2) a non-JESMSG TYPE=ASYNCH request when JESMSGLG processing is locked
The entries on the queue are removed after the JESMSGLG dataset has been updated with the JESMSG text.

IATYJMQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYJMQ	
0	(0)	CHARACTER	3	JMQAID	EYECATCHER TO VERIFY STORAGE
3	(3)	BITSTRING	1	JMQAFL1	CON/SDM SUPPORT STATUS FLAGS
		1...		JMQAFL1A	"X'80'" JESMSG ASYNCH HAS FAILED
		.1..		JMQAFL1B	"X'40'" RJP SPOOLING HAS FAILED
		..1.		JMQAFL1C	"X'20'" JMQCELL SHORTAGE
4	(4)	BITSTRING	1	JMQRSVD	RESERVED FOR DEVELOPMENT
5	(5)	BITSTRING	1	JMQRSVS	RESERVED FOR SERVICE
6	(6)	BITSTRING	1	JMQRSVU	RESERVED FOR USER
8	(8)	ADDRESS	4	JMQFIRST	FIRST JMQ ENTRY ADDRESS
12	(C)	ADDRESS	4	JMQMSCPB	Message cellpool c.b. address
16	(10)	ADDRESS	4	JMQRETRY	RETRY ADDRESS FOR JESTAE
20	(14)	ADDRESS	4	JMQRSVD1	RESERVED FOR DEVELOPMENT
24	(18)	ADDRESS	4	JMQRSVS1	RESERVED FOR SERVICE
28	(1C)	ADDRESS	4	JMQRSVU1	RESERVED FOR USER
32	(20)	DBL WORD	8	(0)	ROUND UP TO DWORD MULTIPLE
32	(20)	X'20'	0	JMQASIZE	"*-IATYJMQ" SIZE OF Q AREA IN BYTES

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JMQENTRY	

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	SIGNED	2	JMQELEN	JMQ entry length - this two byte length field is required for JSERV processing
2	(2)	SIGNED	2	JMQERSV1	Reserved for IBM
4	(4)	CHARACTER	4	JMQEID	JMQ entry eyecatcher
8	(8)	ADDRESS	4	JMQEJNXT	Next JMQ entry on job chain
12	(C)	ADDRESS	4	JMQEJPRV	Previous JMQ entry on job chain
16	(10)	ADDRESS	4	JMQEMNXT	Next JMQ entry for this job
20	(14)	ADDRESS	4	JMQEMPRV	Previous JMQ entry for this job
24	(18)	CHARACTER	8	JMQEMNAM	Main the job is running on
32	(20)	BITSTRING	16	JMQEUSID (0)	Job/user identifier
32	(20)	CHARACTER	8	JMQEJNAM	Jobname of message issuer
40	(28)	CHARACTER	8	JMQEJID	Job id of message issuer 0104

Comment

```
------------------------------------------------------------ 0
      JMQEFLG1 0
------------------------------------------------------------ 0
```

End of Comment

48	(30)	BITSTRING	1	JMQEFLG1	JMQ entry flag
		1...		JMQEGLSW	"X'80'" JESMSG was written on global 0104 via TYPE=STD 0104 0104
		.1..		JMQEGLBU	"X'40'" JESMSG is to be updated in global
		..1.		JMQEGLMW	"X'20'" JESMSG was written on global 0104 via TYPE=MULT 0104
		...1		JMQEJOBT	"X'10'" Job termination processing
		.... 1...		JMQEREMV	"X'08'" Remove JMQ entry from chain
		.... .1..		JMQEGTMN	"X'04'" Storage was GETMAINed
		.... ..1.		JMQEF102	"X'02'" Reserved for IBM
		1		JMQEF101	"X'01'" Reserved for IBM 0104

Comment

```
------------------------------------------------------------ 0
      JMQEFLG2 0
------------------------------------------------------------ 0
```

End of Comment

49	(31)	BITSTRING	1	JMQEFLG2	JMQ entry flag2 - Serialized 0104 (i.e. Use OIL, NIL, or 0104 equivalent CS logic) 0104
		1...		JMQECHNA	"X'80'" A JMQE has been added to the 0104 job's JMQ chain 0104
		.1..		JMQEF240	"X'40'" Reserved for IBM 0104
		..1.		JMQEF220	"X'20'" Reserved for IBM 0104
		...1		JMQEF210	"X'10'" Reserved for IBM 0104
		.... 1...		JMQEF208	"X'08'" Reserved for IBM 0104
		.... .1..		JMQEF204	"X'04'" Reserved for IBM 0104
		.... ..1.		JMQEF202	"X'02'" Reserved for IBM 0104
		1		JMQEF201	"X'01'" Reserved for IBM 0104
50	(32)	SIGNED	2	JMQEASID	ASID of job
52	(34)	BITSTRING	10	JMQEMSTS	Timestamp
52	(34)	CHARACTER	10	JMQETIME	Timestamp definition
64	(40)	SIGNED	4	JMQEJOBN	Binary job number
68	(44)	BITSTRING	1	JMQERSV3	Reserved for IBM 0096
69	(45)	BITSTRING	1	JMQETXLN	Text length for JESMSG 0096
70	(46)	BITSTRING	120	JMQETEXT	120 BYTE JESMSG TEXT BUFFER
192	(C0)	SIGNED	4	(0)	SIZE MUST BE A MULTIPLE OF 4
192	(C0)	X'C0'	0	JMQESIZE	"*-JMQENTRY" SIZE OF JMQ ENTRY IN BYTES
192	(C0)	X'0'	0	JMQESPID	"0" SUBPOOL ID FOR JMQE CELLS
192	(C0)	X'FF'	0	JMQEXLIM	"255" MAX EXTENTS FOR JMQE SUBPOOL

IATYJMQ Cross Reference

Name	Hex Offset	Hex Value
IATYJMQ	0	
JMQAFL1	3	
JMQAFL1A	3	80
JMQAFL1B	3	40
JMQAFL1C	3	20
JMQAID	0	D1D4D8
JMQASIZE	20	20
JMQEASID	32	
JMQECHNA	31	80
JMQEFLG1	30	
JMQEFLG2	31	
JMQEF101	30	1
JMQEF102	30	2
JMQEF201	31	1
JMQEF202	31	2
JMQEF204	31	4
JMQEF208	31	8
JMQEF210	31	10
JMQEF220	31	20
JMQEF240	31	40
JMQEGLBU	30	40
JMQEGLMW	30	20
JMQEGLSW	30	80
JMQEGTMN	30	4
JMQEID	4	D1D4D8C5
JMQEJID	28	40404040
JMQEJNAM	20	40404040
JMQEJNXT	8	
JMQEJOBN	40	
JMQEJOBT	30	10
JMQEJPRV	C	
JMQELEN	0	
JMQEMNAM	18	
JMQEMNXT	10	
JMQEMPRV	14	
JMQEMSTS	34	
JMQENTRY	0	
JMQEREMV	30	8
JMQERSV1	2	
JMQERSV3	44	
JMQESIZE	C0	C0
JMQESPID	C0	0
JMQETEXT	46	
JMQETIME	34	40C8C87A
JMQETXLN	45	
JMQEUSID	20	
JMQEXLIM	C0	FF
JMQFIRST	8	
JMQMSCPB	C	
JMQRETRY	10	
JMQRSVD	4	
JMQRSVD1	14	
JMQRSVS	5	
JMQRSVS1	18	
JMQRSVU	6	
JMQRSVU1	1C	

IATYJMR Programming Interface information

Programming Interface information

IATYJMR

End of Programming Interface information

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IATYJMR Heading Information

Common Name: JOB MANAGEMENT RECORD
Macro ID: IATYJMR
DSECT Name: JMR
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: N/A
Auxiliary Storage: JES3 SPOOL
Size: 120 Bytes
Created by: INPUT SERVICE
Pointed to by: The FDB is in JCTJMTFD of the Jobs JCT
Serialization: NONE
Function: This record is used to store the job's SMF information. The data is available to SMF User Exits and certain JES3 User Exits.

IATYJMR Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	JMR	
0	(0)	BITSTRING	6	JMRTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JMRCNT	USER COUNT.
8	(8)	CHARACTER	4	JMRID	FILE ID.
12	(C)	BITSTRING	12	JMRCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JMRVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JMRDATA (0)	START OF USER DATA AREA.

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	JMR	

Comment

```
   %JMRPRO: ;
  START OF SPECIFICATIONS
  MACRO NAME = IEFJMR
   ACRONYM = JMR
  DESCRIPTIVE NAME = Job Management Record
01 PROPRIETARY STATEMENT=
 PROPRIETARY_STATEMENT
LICENSED MATERIALS - PROPERTY OF IBM
THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
5647-A01 (C) COPYRIGHT IBM CORP. 1979, 1998
SEE COPYRIGHT INSTRUCTIONS
STATUS= HBB6605
 END_OF_PROPRIETARY_STATEMENT
  FUNCTION = Contains job information accummulated by
             IBM-supplied data collection routines. It is
             also an information source for JES and the
             user exit routines.
01 EXTERNAL CLASSIFICATION: PSPI
```

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description

```
01 END OF EXTERNAL CLASSIFICATION:
   NOTES =
      There is a JCL version of the JMR created by the
      Interpreter. There is also a execution or Life of
      Job version of the JMR created by SMF. The JMR
      created by SMF is the PSPI version.
      The SMF exits mention that the first 36 bytes of
      the JMR is the same as the Common Exit Parameter
      Area.
      The JMR is a part of JES2 and JES3 control
      tables. Increasing the length beyond 76 bytes
      will impact the JESes.
      Bilingual Mapping Macro (PL/S and BAL)
    DEPENDENCIES = None
    RESTRICTIONS =
 Method of Access =
 Invocation =
         BAL - SPECIFY: IEFJMR
         PL/S - SPECIFY: %INCLUDE SYSLIB(IEFJMR)
   DSECT NAME = JMR
   COMPONENT = Interpreter - CI (SC1B9)
   EYE CATCHER = None
    OFFSET = n/a
    LENGTH = n/a
   CREATED BY = IEFSMFIE or IEFTB721
01 Created by (IBM use only) = Interpreter (CI)
   POINTED TO BY =
    TCTJMR field of the TCT (IEFTCT) data area
01 Pointed to by (IBM use only) =
    - JCTJMR field of the JCT data area
    - NELJMR field of the NEL data area
    - CWAJMRPT field of the CWA work area (up to SP313)
   DELETED BY = IEFTB721
   SERIALIZATION = None
   Storage Attributes =
     Subpool = 255, 236 or 237
     Key = 1
     Residency = Below
     Virtual Storage = Obtained via GETMAIN
   Size = 76 bytes (decimal)
     Frequency: 1 per job
   DISTRIBUTION LIBRARY = AMODGEN
 CHANGE ACTIVITY - G742P2J,ZA43255,ZA44646,ZA47425,H1,
                   OY08660,L1
  $H1= EXTJCL JBB2110 820702 PD43: SUPPORT FOR EXTENDED JCL
  $L1= EMVS2 HBB4410 890213 PDN3: ENTERPRISE MVS/II
  $P1= PIG1422 HBB5510 930715 PDDZ: SHOWHDR Compliance
  $P2= PUX0151 HBB6605 970819 PDRR: FIN APAR OW26717
    END OF SPECIFICATIONS
  C - RESTORE JMR TO ORIGINAL SIZE BY REMOVING
      FOUR BYTES FROM THE END OF THE MACRO.
  C - CHANGE STORAGE DEFINITION BY REMOVING
      DUPLICATION FACTOR AND REPLACING WITH
      A MODIFIER. (FROM XC TO CLX WHERE X =
      A NUMERIC VALUE.)
  C - PLS VERSION MODIFIED FOR COMPATIBILITY
      WITH ASSEMBLER VERSION
```

```
      Offsets
Dec       Hex       Type/Value        Len    Name (Dim)          Description
  A - EQUATE FOR JDT-DEFINED JCL VERB CODE
  A - JMRABCOD BIT DEFINED IN JMRFLG BYTE FOR USE
      BY JES3 TO IDENTIFY THE CONTENTS OF JES3 JMR
      FIELD JMRCONDC
  A - EQUATE FOR THE REMAINING JCL VERB CODE DEFINITIONS
  A - EQUATE FOR THE REMAINING JCL VERB CODE DEFINITIONS
  C - Changed prolog to be SHOWHDR compliant
  C - Changed description of JMRUSEID and JMREDATE.
 ------------------------------------------------------------
      %GOTO JMRBSL;

                                          End of Comment
 28        (1C)      CHARACTER         8      JMRJOB              JOB NAME
 36        (24)      SIGNED            4      JMRENTRY            ENTRY TIME IN 1/100'S SEC
 40        (28)      SIGNED            4      JMREDATE            ENTRY DATE 0CYYDDDF
 44        (2C)      CHARACTER         4      JMRCPUID            CPU - SID AND MDL FROM SMCA
 48        (30)      CHARACTER         8      JMRUSEID            User-defined identification field (taken from common exit
                                                                   parameter area).
 56        (38)      CHARACTER         1      JMRSTEP             STEP NUMBER
 56        (38)      X'39'             0      JMRLGEND            "*"
 56        (38)      X'1D'             0      JMRLOGSZ            "JMRLGEND-JMRJOB" SIZE OF JOB LOG
 57        (39)      CHARACTER         1      JMRINDC             INDICATOR SWITCHES 20011
                                          Comment

 BIT MEANINGS SAME AS JMROPT FIELD 20011

                                          End of Comment
 58        (3A)      CHARACTER         1      JMRFLG              JOB STATUS INDICATOR Y02668
                      1...  ....              JMRSTRS             "X'80'" STEP RESTART Y02668
                      .1..  ....              JMRCHRS             "X'40'" CHECKPOINT RESTART Y02668
                      ..1.  ....              JMRCNRS             "X'20'" CONTINUE RESTART Y02668
                      ...1  ....              JMRABCOD            "X'10'" ON=COMP CODE IN JES3 JMR JMRCONDC FIELD
                                                                  OFF=CONDITION CODE IN JES3 JMRCONDC
                      ....  1...              JMRWARM             "X'08'" WARMSTART JOB Y02668
 59        (3B)      CHARACTER         1      JMRCLASS            JOB CLASS
 60        (3C)      SIGNED            4      JMRUCOM             USER COMMUNICATION - INITIALIZED 0
 64        (40)      SIGNED            4      JMRUTLP             POINTER TO USER TIME LIMIT EXIT ROUTINE PARAMETER
                                                                   AREA
 64        (40)      X'44'             0      JMRSIZE             "*-JMR" SIZE OF JMR IN CORE
 68        (44)      SIGNED            4      JMRDRSTP (2)        RDR STOP TIME AND DATE
 76        (4C)      SIGNED            4      JMRJOBIN            JOB SYSIN CT
 80        (50)      CHARACTER         2      JMRRDR              RDR DEVICE CLASS AND TYPE
 82        (52)      CHARACTER         1      JMROPT              OPTION SWITCHES
                      1...  ....              JMRJOBSW            "X'80'" JOB FUNCTIONS REQUESTED
                      .1..  ....              JMRSTPSW            "X'40'" STEP FUNCTIONS REQUESTED
                      ..1.  ....              JMREXITS            "X'20'" USER EXITS REQUESTED
                      ...1  ....              JMRXONLY            "X'10'" EXITS ONLY SPECIFIED
                      ....  ...1              JMRFIND             "X'01'" FOREGROUND INDICATED 20011
 83        (53)      CHARACTER         1                          RESERVED
 84        (54)      SIGNED            4      (0)
 84        (54)      CHARACTER         5      JMRSYSOC            SYSOUT CLASSES
                                          Comment

 PARM LIST PASSED TO IEFUJV IN C/I

                                          End of Comment
 89        (59)      CHARACTER         1      JMRJCLCD            JCL CODE
                      1...  ....              JMRCIV              "X'80'" CODE 128 - C/I DEFINED JCL VERB NOT DEFINED
                                                                  BELOW
                      .1..  ....              JMRJDTVB            "X'40'" CODE 64 - JDT-DEFINED JCL VERB
                      ..1.  ....              JMRINTRP            "X'20'" CODE 32 - JCL HAS BEEN INTERPRETED
                      ...1  ....              JMRCNVTD            "X'10'" CODE 16 - JCL HAS BEEN CONVERTED
```

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		JMRPROCV	"X'08'" CODE 8 - PROC VERB
		.... .1..		JMRDDV	"X'04'" CODE 4 - DD VERB
		.... ..1.		JMREXECV	"X'02'" CODE 2 - EXEC VERB
		1		JMRJOBV	"X'01'" CODE 1 - JOB VERB

Comment

X'00' CODE 0 - NULL VERB

End of Comment

90	(5A)	CHARACTER	1	(2)	
92	(5C)	SIGNED	4	JMRJOBP	PTR TO JOB LOG
96	(60)	SIGNED	4	JMRJCLP	PTR TO JCL CARD
100	(64)	SIGNED	4	JMRJCLCP	PTR TO JCL CODE
100	(64)	X'5C'	0	JMRPTRS	"JMRJOBP"
104	(68)	CHARACTER	8	JMRSNAME	FAILED STEP NAME
112	(70)	CHARACTER	8	JMRSCLPC	FAILED PROC NAME
120	(78)	BITSTRING	4	JMRCONDC	COND CODE
120	(78)	X'7C'	0	JMFMVSSZ	"*-JMR" SIZE OF MVS JMR

Comment

```
      IFASMFR 26
%IFABGN1: ;
   METHOD OF ACCESS
    PL/S - USER DEFINES MACRO VARIABLE IFARXX WHERE XX=RECORD NUM
          DECLARE SMFXXPTR PTR(31) OR RESPECIFY FOR BASE
          INCLUDE MACRO FROM LIBRARY
           EXAMPLE %IFAR08 = 'YES', NOTE. THE COMMA REP-
                 DCL SMF08PTR PTR(31), RESENTS A SEMI-COLON
                 %INCLUDE SYSLIB(IFASMFR), BUT ISN'T TO AVIOD
                                   A DIAGNOSTIC.
          THIS MACRO PROCESSES RECORDS IN THE RANGE 00-06. IT
          ACTS AS A ROUTER TO OTHER MACROS TO PROCESS OTHER
          RECORDS AS FOLLOWS:
             MACRO RECORDS
            IFASMFR1 07-19
            IFASMFR2 20-27
            IFASMFR3 28-36
            IFASMFR4 37-46
            IFASMFR5 47-54
            IFASMFR6 55-69
            IFASMFR9 80-84
            IFASMFRA 85-103
            IFASMFRB 104-113
            IFASMFRC 114-123
            IFASMFRD 124-127
%GOTO IFABGN2;
  THIS IS AN SMF MACRO WHICH CONTROLS THE BUILDING OF SMF RECORDS. THE
  REQUIRED FORMAT IS
      IFASMFR &RECTYPE
  NOTE: VALUES FOR &RECTYPE MUST BE ENCLOSED IN PARENS(UNLESS ONLY 1).
%IAZPRO26: ;
  MODULE NAME = IAZSMF26
  DESCRIPTIVE NAME = JES SMF PURGE RECORD
%GOTO IAZ26;
 SWITCH TO DETERMINE WHETHER TO GENERATE EQUATES FOR WRITING REC
 THIS RECORD IS WRITTEN WHEN A JOB IS READY TO BE PURGED FOR
 BOTH FOREGROUND AND BACKGROUND JOBS IN THE SYSTEM.
```

End of Comment

124	(7C)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDRY
124	(7C)	X'7C'	0	SMFRCD26	"*" START OF RECORD
124	(7C)	X'7C'	0	SMF26PTR	"*" HEADER SEGMENT (LGTH 46 WITHOUT RDW)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
124	(7C)	BITSTRING	2	SMF26LEN	RECORD LENGTH
126	(7E)	BITSTRING	2	SMF26SEG	SEGMENT DESCRIPTOR
128	(80)	BITSTRING	1	SMF26FLG	HEADER FLAG BYTE
129	(81)	BITSTRING	1	SMF26RTY	RECORD TYPE 26
129	(81)	X'1A'	0	SMFJ26	"26" PURGE RECORD TYPE
130	(82)	BITSTRING	4	SMF26TME	TOD FROM TIME MACRO BINARY
134	(86)		4	SMF26DTE	DATE FROM TIME MACRO
138	(8A)	CHARACTER	4	SMF26SID	SYSTEM INDICATOR
142	(8E)	CHARACTER	8	SMF26JBN	JOB NAME
150	(96)	BITSTRING	4	SMF26RST	RDR START TIME, TIME JOB CARD 1ST READ
154	(9A)		4	SMF26RSD	READER START DATE
158	(9E)	CHARACTER	8	SMF26UIF	USER IDENTIFICATION FIELD
166	(A6)	BITSTRING	4	SMF26RSV	RESV
170	(AA)	BITSTRING	2	SMF26SBS	SUBSYSTEM GENERATING ID(JES2=2, JES3=5)
		.... ..1.		SMF26HSP	"X'0002'" JES2 ID
172	(AC)	BITSTRING	2	SMF26IND	INDICATORS
172	(AC)	BITSTRING	0	SMF26DES	"X'8000'" DESCRIPTIVE SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26EVT	"X'4000'" EVENT SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26ATU	"X'2000'" ACTUALS SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26NTW	"X'1000'" JES2 Network section present
172	(AC)	BITSTRING	0	SMF26J2R	"X'0800'" JES2 ROUTING SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26JXP	"X'0400'" JES PRINTER SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26R02	"X'0200'" Reserved
172	(AC)	BITSTRING	0	SMF26ACP	"X'0100'" Triplets Section present

Comment

BEGINNING OF DESCRIPTIVE SECTION

End of Comment

174	(AE)	BITSTRING	2	SMF26LN1	LGTH OF THIS SECTION INCLUDING SELF
176	(B0)	BITSTRING	2	SMF26RV1	RESV
178	(B2)	BITSTRING	1	SMF26IN2	ADDITIONAL JOB INFORMATION(JES2 ONLY)
		1...		SMF26BCH	"X'80'" BIT 0 - BACKGROUND BATCH
		.1..		SMF26FTS	"X'40'" 1 - FOREGROUND TIME SHARING
		..1.		SMF26STK	"X'20'" 2 - SYSTEM TASK
		...1		SMF26NOJ	"X'10'" 3 - NO JOURNAL OPTION
		.... 1...		SMF26NOU	"X'08'" 4 - NO OUTPUT OPTION
		.... .1..		SMF26SCN	"X'04'" 5 - TYPRUN=SCAN
		.... ..1.		SMF26CPY	"X'02'" 6 - TYPRUN=COPY
		1		SMF26JBF	"X'01'" 7 - RESTART=Y
178	(B2)	BITSTRING	1	SMF26IN3	ADDITIONAL JOB INFORMATION(JES3 ONLY)
		1...		SMF26DJC	"X'80'" BIT 0 - DEPENDENT JOB(/ NET JOB PROCESSED)
		.1..		SMF26DLJ	"X'40'" 1 - JOB SPECIFIED DEADLINE SCHEDULING
		..1.		SMF26DLM	"X'20'" 2 - DEADLINE JOB MET DEADLINE
		...1		SMF26PRJ	"X'10'" 3 - / PROCESS STMT PROCESSED
		.... 1...		SMF26NJX	"X'08'" 4 - JOB LEFT SYSTEM VIA NJP(NETWORK JOB PROCESSING)
		.... .1..		SMF26NJE	"X'04'" 5 - JOB ENTERED SYSTEM VIA NJP
		.... ..1.		SMF26DJO	"X'02'" 6 - JOB LEFT SYSTEM VIA DJ(DUMP JOB)
		1		SMF26DJE	"X'01'" 7 - JOB ENTERED SYSTEM VIA DJ
179	(B3)	BITSTRING	1	SMF26INF	JOB INFORMATION
		1...		SMF26JCP	"X'80'" 0 - JOB PRIORITY EXTERNALLY ASSIGNED (JES2-VIA PRIORITY STMT) (JES3-VIA PRTY PARM ON JOB STMT)
		.1..		SMF26STU	"X'40'" 1 - SETUP JOB (JES2- SETUP STMT PROCESSED) (JES3-PROCESSED BY PREEXEC SETUP)
		..1.		SMF26TRH	"X'20'" 2 - JOB HELD VIA TYPERUN=HOLD
		...1		SMF26NLG	"X'10'" 3 - JOB REQUESTED NO JES JOB LOG(JES2)
		.... 1...		SMF26XBC	"X'08'" 4 - EXEC BATCHING JOB (JES2 ONLY)
		.... .1..		SMF26EIR	"X'04'" 5 - JOB ENTERED VIA INTERNAL RDR
		.... ..1.		SMF26MRE	"X'02'" 6 - JOB WAS RERUN BY JES
		1		SMF26OPC	"X'01'" 7 - OPER CANCELLED JOB BY JES CMND
180	(B4)	CHARACTER	4	SMF26JNM	JES ASSIGNED JOB #

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
184	(B8)	CHARACTER	8	SMF26JID	8-character job identifier
192	(C0)	CHARACTER	20	SMF26NAM	PROGRAMMER'S NAME FROM JOB CARD
212	(D4)	CHARACTER	1	SMF26MSG	MESSAGE CLASS FROM JOB CARD
213	(D5)	CHARACTER	1	SMF26CLS	JOB CLASS FROM JOB CARD
214	(D6)	BITSTRING	1	SMF26XPI	INITIAL JOB PRIORITY
215	(D7)	BITSTRING	1	SMF26XPS	SELECTION PRIORITY AT TIME JOB SELECTED
216	(D8)	BITSTRING	1	SMF26IX2	Additional JOB information (JES2 ONLY)
		1...		SMF26JDL	"X'80'" Job delayed (at least once) due to duplicate jobname
		.1..		SMF26JOL	"X'40'" Job purged as a result of spool offload
		..1.		SMF26LPN	"X'20'" Job went thru unspun in its lifetime
		...1		SMF26XWR	"X'10'" Job had at least one JOE purged due to PSO/SAPI
217	(D9)	BITSTRING	1	SMF26OPS	Reserved
218	(DA)	BITSTRING	2	SMF26LOC	INPUT ROUTE CODE OR ZERO (JES2 ONLY)
216	(D8)	BITSTRING	4	SMF26RV8	RESERVED(JES3)
220	(DC)	CHARACTER	8	SMF26DEV	LOG INPUT DEV NAME OF WHERE JOB READ USERID IF TSO SUBMIT SYSTEM NAME IF NJP
228	(E4)	CHARACTER	4	SMF26ACT	PROGRAMMER'S ACCOUNTING # (JES2 ONLY)
232	(E8)	CHARACTER	4	SMF26ROM	PROGRAMMER'S ROOM # (JES2 ONLY)
228	(E4)	BITSTRING	8	SMF26RVA	RESERVED(JES3)
236	(EC)	BITSTRING	4	SMF26XTM	ESTIMATED EXECUTION TIME(SEC)
240	(F0)	BITSTRING	4	SMF26ELN	ESTIMATED OUTPUT LINES
244	(F4)	BITSTRING	4	SMF26EPU	ESTIMATED OUTPUT PUNCHED CARDS
244	(F4)	X'F8'	0	SMF26J2D	"*" JES2 ONLY DESCRIPTIVE SECTION
248	(F8)	CHARACTER	4	SMF26FRM	DEFAULT OUTPUT FORM #
252	(FC)	BITSTRING	2	SMF26CYP	PRINT COPY COUNT IF FOR ALL OF JOB
254	(FE)	BITSTRING	2	SMF26LIN	LINES PER PAGE
256	(100)	BITSTRING	2	SMF26PRR	DEFAULT PRINT DESTINATION
258	(102)	BITSTRING	2	SMF26PUR	DEFAULT PUNCH DESTINATION
260	(104)	CHARACTER	8	SMF26PDD	JES2 PROC DDNAME FOR JCL CONVERSION
248	(F8)	X'F8'	0	SMF26J3D	"*" JES3 ONLY DESCRIPTIVE SECTION
248	(F8)	CHARACTER	1	SMF26DTY	DEADLINE SCHEDULE TYPE
249	(F9)	BITSTRING	3	SMF26RV6	RESERVED
252	(FC)	CHARACTER	8	SMF26IGP	LOG INPUT DEV GROUP NAME(JOB SOURCE)
260	(104)	CHARACTER	8	SMF26PD3	PROCEDURE DD NAME
268	(10C)	CHARACTER	8	SMF26NJO	SYS NAME TO WHICH JOB SENT VIA NJP
276	(114)	CHARACTER	8	SMF26NJI	SYS FROM WHICH JOB RECEIVED VIA NJP
284	(11C)	CHARACTER	8	SMF26NET	ID OF DEPENDENT JOB NET TO WHICH THIS JOB BELONGS(FROM / NET STMT)
292	(124)	BITSTRING	4	SMF26DTM	DEADLINE SCHEDULE TIME
296	(128)		4	SMF26DDT	DEADLINE SCHEDULE DATE
300	(12C)	CHARACTER	8	SMF26CLN	JOB CLASS NAME

Comment

BEGINNING OF EVENT SECTION

End of Comment

174	(AE)	BITSTRING	2	SMF26LN2	LGTH OF THIS SECTION(INCLUDING SELF)
176	(B0)	BITSTRING	2	SMF26RV2	RESV
178	(B2)	BITSTRING	4	SMF26RPT	READER STOP TIME
182	(B6)		4	SMF26RPD	READER STOP DATE
186	(BA)	BITSTRING	4	SMF26CST	CONVERTER START TIME
190	(BE)		4	SMF26CSD	CONVERTER START DATE
194	(C2)	BITSTRING	4	SMF26CPT	CONVERTER STOP TIME
198	(C6)		4	SMF26CPD	CONVERTER STOP DATE
202	(CA)	BITSTRING	4	SMF26XST	EXECUTION START TIME
206	(CE)		4	SMF26XSD	EXECUTION START DATE
210	(D2)	BITSTRING	4	SMF26XPT	EXECUTION STOP TIME
214	(D6)		4	SMF26XPD	EXECUTION STOP DATE
218	(DA)	BITSTRING	4	SMF26OST	OUTPUT PROCESSOR START TIME
222	(DE)		4	SMF26OSD	OUTPUT PROCESSOR START DATE
226	(E2)	BITSTRING	4	SMF26OPT	OUTPUT PROCESSOR STOP TIME
230	(E6)		4	SMF26OPD	OUTPUT PROCESSOR STOP DATE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					BEGINNING OF ACTUALS SECTION JES2 creates the Actuals section only up to (and including) SMF26OID. The fields from SMF26JAF to SMF26SRC are filled in by JES3. The block from NJEJMR to NJEJMREN contains some JES3 networking information but it is part of the Actuals section.
					End of Comment
174	(AE)	BITSTRING	2	SMF26LN3	LGTH OF THIS SECTION(INCLUDING SELF)
176	(B0)	BITSTRING	2	SMF26RV4	RESV
178	(B2)	BITSTRING	4	SMF26ICD	# OF INPUT CARDS (JCL AND DATA)
182	(B6)	BITSTRING	4	SMF26XLN	OUTPUT LINES GENERATED TO SPOOL
186	(BA)	BITSTRING	4	SMF26XPU	OUTPUT PUNCH CARDS GENERATED TO SPOOL
190	(BE)	CHARACTER	4	SMF26RID	INPUT PROCESSOR SYSTEM ID
194	(C2)	CHARACTER	4	SMF26CID	JCL CONVERSION PROCESSOR SYSTEM ID
198	(C6)	CHARACTER	4	SMF26XID	EXECUTION PROCESSOR SYSTEM ID
202	(CA)	CHARACTER	4	SMF26OID	OUTPUT PROCESSOR SYSTEM ID
206	(CE)	CHARACTER	42	SMF26JAF	Job accounting fields - maximum length 42 - filled in by JES3 only
248	(F8)	SIGNED	4	NJEJMR (0)	
248	(F8)	CHARACTER	8	NJEJMRID	
256	(100)	SIGNED	2	NJEJMRLN	- LENGTH OF NJEJMR
					Comment
					COMPATIBILITY CODE NJEJOBNO is maintained for compatibility with pre-HJS7705 levels of JES3. Once HJS7703 and below are no longer supported, this field does not need to be maintained.
					End of Comment
258	(102)	SIGNED	2	NJEJOBNO	Origin node job number (compatible) - contains FFFF if NJEJOBNX > 65534
260	(104)	CHARACTER	8	NJEJOBNM	- JOB NAME
268	(10C)	CHARACTER	8	NJEXEQN	- EXECUTION NODE
276	(114)	CHARACTER	20	NJEPRGMR	- PROGRAMMER NAME
296	(128)	CHARACTER	8	NJEUSRID	- TSO USER ID
304	(130)	CHARACTER	8	NJEACCT	- NETWORK ACCT NUM
312	(138)	CHARACTER	8	NJEDEPT	- PROGRAMMER DEPT NUM
320	(140)	CHARACTER	8	NJEBLDG	- PROGRAMMER BLDG NUM
328	(148)	CHARACTER	8	NJEROOM	- PROGRAMMER ROOM NUM
336	(150)	CHARACTER	8	NJEXEQU	- EXECUTION USER ID
					Comment
					COMPATIBILITY CODE NJETRANS is maintained for compatibility with pre-HJS7705 levels of JES3. Once HJS7703 and below are no longer supported, this field does not need to be maintained.
					End of Comment
344	(158)	SIGNED	4	NJETRANS (0)	Maintained for compile compatibility
344	(158)	SIGNED	4	NJEJOBNX	Origin node job number, extended
348	(15C)	SIGNED	4	NJEJMREN (0)	
348	(15C)	BITSTRING	0	NJEJMRSZ (0)	
348	(15C)	CHARACTER	4	SMF26SRC	NUMBER OF SPOOL RECORDS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					Beginning of JES2 Network section
					End of Comment
174	(AE)	BITSTRING	2	SMF26LN4	LENGTH OF THIS SECTION(INCLUDING SELF)
176	(B0)	BITSTRING	2	SMF26RV5	RESERVED
178	(B2)	CHARACTER	4	SMF26NID	JOB TRANSMITTER SYSTEM IDENTIFIER
182	(B6)	BITSTRING	4	SMF26NST	JOB TRANSMITTER START TIME
186	(BA)		4	SMF26NSD	JOB TRANSMITTER START DATE
190	(BE)	BITSTRING	4	SMF26NPT	JOB TRANSMITTER STOP TIME
194	(C2)		4	SMF26NPD	JOB TRANSMITTER STOP DATE
198	(C6)	CHARACTER	8	SMF26NAC	NETWORK ACCOUNTING NUMBER
206	(CE)	CHARACTER	8	SMF26NJB	Original job identification
214	(D6)	CHARACTER	8	SMF26NDV	JOB TRANSMITTER DEVICE NAME
222	(DE)	CHARACTER	8	SMF26NON	Original node name
230	(E6)	CHARACTER	8	SMF26NXN	EXECUTION NODE NAME
238	(EE)	CHARACTER	8	SMF26NNM	NEXT NODE NAME
246	(F6)	CHARACTER	8	SMF26NLN	LAST NODE NAME
254	(FE)	CHARACTER	8	SMF26SUI	Submitting Userid
262	(106)	CHARACTER	8	SMF26NN	JOB End Execution Notify Node
270	(10E)	CHARACTER	8	SMF26NU	Job End Execution Notify Userid
174	(AE)	BITSTRING	2	SMF26LN5	LGTH OF THIS SECTION
176	(B0)	CHARACTER	4	SMF26INR	INPUT ROUTING
180	(B4)	CHARACTER	4	SMF26PRD	DEFAULT PRINT DESTINATION
184	(B8)	CHARACTER	4	SMF26PUD	DEFAULT PUNCH DESTINATION
174	(AE)	BITSTRING	2	SMF26LN6	LGTH OF THIS SECTION
176	(B0)	CHARACTER	4	SMF26EBT	ESTIMATED BYTE COUNT
180	(B4)	CHARACTER	4	SMF26XBT	ACTUAL BYTE COUNT
184	(B8)	CHARACTER	4	SMF26EPG	ESTIMATED PAGE COUNT
188	(BC)	CHARACTER	4	SMF26XPG	ACTUAL PAGE COUNT
192	(C0)	CHARACTER	8	SMF26EFM	EXPANDED FORMS ID
					Comment
					This is the header for all future extensions to the SMF 26 record. Sections beyond this point must be accessed by using the values stored in the triplets (below) that contain the offset, length, and number of sections of the type corresponding to the triplet New sections will be appended to this header and their presence can be detected by an increase in the number of triplets and by a non-zero section offset, length and number of sections. Each offset to a section is added to the address of SMFRCD26 to obtain the start of the section that it locates.
					End of Comment
174	(AE)	BITSTRING	2	SMF26LN7	Length of triplet section
176	(B0)	SIGNED	4	SMF26OAG	Offset of accounting section
180	(B4)	BITSTRING	2	SMF26LAG	Length of accounting section
182	(B6)	BITSTRING	2	SMF26NAG	Number of accounting sections
184	(B8)	SIGNED	4	SMF26OWL	Offset of Work Load Manager section
188	(BC)	BITSTRING	2	SMF26LWL	Length of Work Load Manager section
190	(BE)	BITSTRING	2	SMF26NWL	Number of Work Load Manager sections
192	(C0)	CHARACTER	8	SMF26WCL	Service class queue name
200	(C8)	CHARACTER	8	SMF26WOC	Original Service class
208	(D0)	BITSTRING	1	SMF26WIN	Indicators
		1...		SMF26WLM	"B'10000000'" Job ran in MODE=WLM
		.1..		SMF26SJB	"B'01000000'" Job ran because of the $S J JES2 command or the *F,J=job,RUN JES3 command
209	(D1)	CHARACTER	8	SMF26WJC	Eight character job class

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
217	(D9)	CHARACTER	16	SMF26WSE	Scheduling environment (SCHENV)
233	(E9)	BITSTRING	2	SMF26LN8	Length of Accounting Section
235	(EB)	SIGNED	1	SMF26NRA	Number of accounting pairs that follow

Comment

Accounting pairs are of the form:
AL1(length),C'string of length "length"'
A length of 0 indicates an omitted field

End of Comment

236	(EC)	SIGNED	1	SMF26AC1 (0)	

Comment

SMF26 RECORD LENGTHS.

End of Comment

0	(0)	X'32'	0	SMFHDRLN	"SMF26LN1-SMFRCD26" LENGTH OF HEADER SECTION
0	(0)	X'86'	0	SMFDESLN	"SMF26CLN-SMF26LN1+L'SMF26CLN" LENGTH OF DESCRIPTIVE SECTION
0	(0)	X'3C'	0	SMFEVTLN	"SMF26OPD-SMF26LN2+L'SMF26OPD" LENGTH OF EVENT SECTION
0	(0)	X'B2'	0	SMFACTLN	"SMF26SRC-SMF26LN3+L'SMF26SRC" LENGTH OF ACTUALS SECTION
0	(0)	X'1A'	0	SMFPRTLN	"SMF26EFM-SMF26LN6+L'SMF26EFM" LENGTH OF PRINT SECTION
0	(0)	X'C8'	0	SMFUSRLN	"200" MAXIMUM USER DATA LENGTH
0	(0)	X'288'	0	SMF26MAX	"SMFHDRLN+SMFDESLN+SMFEVTLN+SMFACTLN+SMFPRTLN+SMFUSRLN" MAXIMUM LENGTH OF SMF26 RECORD PRIOR TO PURGE
0	(0)	X'E400'	0	SMF26IDX	"SMF26DES+SMF26EVT+SMF26ATU+SMF26JXP" FLAGS TO INDICATE WHICH SECTIONS ARE INCLUDED IN THE SMF26 RECORD
0	(0)	X'8'	0	SMFACTRP	"SMF26NAG-SMF26OAG+L'SMF26NAG" Length of acct data triplet fields
0	(0)	X'12'	0	SMFTOTRP	"SMFACTRP+SMFWLMTL+L'SMF26LN7" Total length of triplet section (length of acct data triplet fields + length of WLM triplet fields + length of triplet length field SMF26LN7)
0	(0)	X'3'	0	SMFACFSZ	"SMF26NRA-SMF26LN8+L'SMF26NRA" Length of fixed portion of accounting data
0	(0)	X'92'	0	SMFACSEC	"SMFACFSZ+L'JMRXACDT" Maximum length of acct data section
0	(0)	X'8'	0	SMFWLMTL	"SMF26NWL-SMF26OWL+L'SMF26NWL" Length of triplet portion of WLM data
0	(0)	X'29'	0	SMFWLMFL	"SMF26WSE-SMF26WCL+L'SMF26WSE" Length of fixed portion of WLM data

Comment

It is imperative to update SMF26TOT whenever the
length of the SMF26 record is changed.

End of Comment

0	(0)	X'355'	0	SMF26TOT	"SMF26MAX+SMFTOTRP+SMFACSEC+SMFWLMFL" Total maximum SMF26 record size

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JMRXSTRT	
0	(0)	CHARACTER	4	JMRXID	Area identifier

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
4	(4)	SIGNED	2	JMRXHLEN	Length of header section
6	(6)	BITSTRING	1	JMRXHVRS	JMRX header version
6	(6)	X'1'	0	JMRXHVR1	"1" - Version 1 of the JMRX

Comment

```
-----------------------------------------------------------
    JMRXIND1 indicates which sections of the JMRX
    have been initialized.
-----------------------------------------------------------
```

End of Comment

7	(7)	BITSTRING	1	JMRXIND1	Section indicator
		1...		JMRXACTI	"X'80'" - Accounting section is present
		.1..		JMRXWLM	"X'40'" - WLM section is present
8	(8)	BITSTRING	1	JMRXIND2 (2)	Reserved for future use
10	(A)	SIGNED	2	JMRXRSD1	Reserved for development
12	(C)	SIGNED	4	JMRXRSVD (3)	Reserved for development
24	(18)	SIGNED	4	JMRXRSVS (3)	Reserved for service
24	(18)	X'24'	0	JMRXHLNG	"*-JMRXSTRT" Size of JMRX header

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JMRXENT	
0	(0)	SIGNED	2	JMRXELN	Entry length (includes JMRXENT fields)
2	(2)	BITSTRING	1	JMRXEID	Entry identifier
2	(2)	X'1'	0	JMRXIDAC	"1" - ID for acct section
2	(2)	X'2'	0	JMRXIDWL	"2" - ID for WLM section
3	(3)	BITSTRING	1	JMRXEVRS	Entry version indicator
3	(3)	X'1'	0	JMRXEVR1	"1" - Version 1 of entry
4	(4)	SIGNED	4	JMRXERSD (2)	Reserved for development
12	(C)	SIGNED	4	JMRXERSS (2)	Reserved for service
12	(C)	X'14'	0	JMRXEDAT	"*" Data portion of entry
12	(C)	X'0'	0	JMRXEEND	"JMRXELN,4" Delimiter for last entry x'FFFFFFFF'

Comment

```
-----------------------------------------------------------
  Definition of data portion of accounting data entry.
  An accounting data entry is identified by JMRXIDAC
  in JMRXEID.
-----------------------------------------------------------
```

End of Comment

20	(14)	BITSTRING	1	JMRXACPR	Number of accounting parms (from ISACCCNT)
21	(15)	BITSTRING	143	JMRXACDT	Accounting data (from ISACCTXT)
21	(15)	X'A4'	0	JMRXACSZ	"*-JMRXENT" Size of accounting entry

Comment

```
-----------------------------------------------------------
  Definition of data portion of WLM section.
  A WLM section is identified by JMRXIDWL in JMRXEID.
-----------------------------------------------------------
```

End of Comment

20	(14)	CHARACTER	8	JMRXWCL	Current service class name
28	(1C)	CHARACTER	8	JMRXWOC	Original Service class name
36	(24)	BITSTRING	8	JMRXWRS1	Reserved for dev/service
44	(2C)	BITSTRING	16	JMRXSCEN	Scheduling environment
60	(3C)	BITSTRING	16	JMRXWRSV	Reserved for dev/service
76	(4C)	BITSTRING	1	JMRXWIN	Indicators

IATYJMR Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		JMRXMWLM	"X'80'" Job ran in MODE=WLM
		.1..		JMRXRUNJ	"X'40'" Job ran as a result of a *F,J=jobno,RUN command
76	(4C)	X'4D'	0	JMRXWLSZ	"*-JMRXENT" Size of WLM section

Comment

```
-----------------------------------------------------------
  Extension equates. JMREXLN must be updated for any
  new sections added to the JMRX.
     Changes to JMREXLN affect JMRTOTLN. Be sure to
     reassemble modules referencing JMRTOTLN.
-----------------------------------------------------------
```

End of Comment

20	(14)	X'119'	0	JMREXLN	"JMRXHLNG+JMRXACSZ+JMRXWLSZ+L'JMRXEEND" Size of JMR extension (Header + 1 acct section + 1 WLM section + delimiter)
20	(14)	X'41D'	0	JMRTOTLN	"JMFMVSSZ+SMF26MAX+JMREXLN" Total JMR size (JES3 JMR + MVS JMR + maximum SMF26 record + JMR extension)
20	(14)	X'304'	0	JMRS26LN	"JMFMVSSZ+SMF26MAX" Size of JMR w/o JMRX (offset to JMRX)

Comment

```
-----------------------------------------------------------
  The next declare will generate an assembly error if the
  total JMR size exceeds the minimum recommended JES3
  spool buffer size.
-----------------------------------------------------------
```

End of Comment

20	(14)	BITSTRING	1	(0)	Generate error if JMR size exceeds 2036 258

IATYJMR Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
JMFMVSSZ	78	7C	JMRJCLCP	64	
JMR	0		JMRJCLP	60	
JMR	0		JMRJDTVB	59	40
JMRABCOD	3A	10	JMRJOB	1C	
JMRCHN	C	0	JMRJOBIN	4C	
JMRCHRS	3A	40	JMRJOBP	5C	
JMRCIV	59	80	JMRJOBSW	52	80
JMRCLASS	3B		JMRJOBV	59	1
JMRCNRS	3A	20	JMRLGEND	38	39
JMRCNT	6	0	JMRLOGSZ	38	1D
JMRCNVTD	59	10	JMROPT	52	
JMRCONDC	78	0	JMRPROCV	59	8
JMRCPUID	2C		JMRPTRS	64	5C
JMRDATA	1C		JMRRDR	50	
JMRDDV	59	4	JMRSCLPC	70	40404040
JMRDRSTP	44		JMRSIZE	40	44
JMREDATE	28		JMRSNAME	68	40404040
JMRENTRY	24		JMRSTEP	38	
JMREXECV	59	2	JMRSTPSW	52	40
JMREXITS	52	20	JMRSTRS	3A	80
JMREXLN	14	119	JMRSYSOC	54	
JMRFIND	52	1	JMRS26LN	14	304
JMRFLG	3A		JMRTOTLN	14	41D
JMRID	8	D1D4D940	JMRTRK	0	0
JMRINDC	39		JMRUCOM	3C	
JMRINTRP	59	20	JMRUSEID	30	
JMRJCLCD	59		JMRUTLP	40	

Name	Hex Offset	Hex Value
JMRVLID	18	0
JMRWARM	3A	8
JMRXACDT	15	
JMRXACPR	14	
JMRXACSZ	15	A4
JMRXACTI	7	80
JMRXEDAT	C	14
JMRXEEND	C	0
JMRXEID	2	
JMRXELN	0	
JMRXENT	0	
JMRXERSD	4	
JMRXERSS	C	
JMRXEVRS	3	
JMRXEVR1	3	1
JMRXHLEN	4	
JMRXHLNG	18	24
JMRXHVRS	6	
JMRXHVR1	6	1
JMRXID	0	D1D4D9E7
JMRXIDAC	2	1
JMRXIDWL	2	2
JMRXIND1	7	
JMRXIND2	8	
JMRXMWLM	4C	80
JMRXONLY	52	10
JMRXRSD1	A	
JMRXRSVD	C	
JMRXRSVS	18	
JMRXRUNJ	4C	40
JMRXSCEN	2C	
JMRXSTRT	0	
JMRXWCL	14	
JMRXWIN	4C	
JMRXWLM	7	40
JMRXWLSZ	4C	4D
JMRXWOC	1C	
JMRXWRSV	3C	
JMRXWRS1	24	
NJEACCT	130	
NJEBLDG	140	
NJEDEPT	138	
NJEJMR	F8	
NJEJMREN	15C	
NJEJMRID	F8	D5D1C5D1
NJEJMRLN	100	
NJEJMRSZ	15C	
NJEJOBNM	104	
NJEJOBNO	102	
NJEJOBNX	158	
NJEPRGMR	114	
NJEROOM	148	
NJETRANS	158	
NJEUSRID	128	
NJEXEQN	10C	
NJEXEQU	150	
SMFACFSZ	0	3
SMFACSEC	0	92
SMFACTLN	0	B2
SMFACTRP	0	8
SMFDESLN	0	86
SMFEVTLN	0	3C
SMFHDRLN	0	32
SMFJ26	81	1A
SMFPRTLN	0	1A

Name	Hex Offset	Hex Value
SMFRCD26	7C	7C
SMFTOTRP	0	12
SMFUSRLN	0	C8
SMFWLMFL	0	29
SMFWLMTL	0	8
SMF26ACP	AC	100
SMF26ACT	E4	
SMF26AC1	EC	
SMF26ATU	AC	2000
SMF26BCH	B2	80
SMF26CID	C2	
SMF26CLN	12C	
SMF26CLS	D5	
SMF26CPD	C6	
SMF26CPT	C2	
SMF26CPY	B2	2
SMF26CSD	BE	
SMF26CST	BA	
SMF26CYP	FC	
SMF26DDT	128	
SMF26DES	AC	8000
SMF26DEV	DC	
SMF26DJC	B2	80
SMF26DJE	B2	1
SMF26DJO	B2	2
SMF26DLJ	B2	40
SMF26DLM	B2	20
SMF26DTE	86	
SMF26DTM	124	
SMF26DTY	F8	
SMF26EBT	B0	
SMF26EFM	C0	
SMF26EIR	B3	4
SMF26ELN	F0	
SMF26EPG	B8	
SMF26EPU	F4	
SMF26EVT	AC	4000
SMF26FLG	80	
SMF26FRM	F8	
SMF26FTS	B2	40
SMF26HSP	AA	2
SMF26ICD	B2	
SMF26IDX	0	E400
SMF26IGP	FC	
SMF26IND	AC	
SMF26INF	B3	
SMF26INR	B0	
SMF26IN2	B2	
SMF26IN3	B2	
SMF26IX2	D8	
SMF26JAF	CE	
SMF26JBF	B2	1
SMF26JBN	8E	
SMF26JCP	B3	80
SMF26JDL	D8	80
SMF26JID	B8	
SMF26JNM	B4	
SMF26JOL	D8	40
SMF26JXP	AC	400
SMF26J2D	F4	F8
SMF26J2R	AC	800
SMF26J3D	F8	F8
SMF26LAG	B4	
SMF26LEN	7C	
SMF26LIN	FE	

Name	Hex Offset	Hex Value
SMF26LN1	AE	
SMF26LN2	AE	
SMF26LN3	AE	
SMF26LN4	AE	
SMF26LN5	AE	
SMF26LN6	AE	
SMF26LN7	AE	
SMF26LN8	E9	
SMF26LOC	DA	
SMF26LPN	D8	20
SMF26LWL	BC	
SMF26MAX	0	288
SMF26MRE	B3	2
SMF26MSG	D4	
SMF26NAC	C6	
SMF26NAG	B6	
SMF26NAM	C0	
SMF26NDV	D6	
SMF26NET	11C	
SMF26NID	B2	
SMF26NJB	CE	
SMF26NJE	B2	4
SMF26NJI	114	
SMF26NJO	10C	
SMF26NJX	B2	8
SMF26NLG	B3	10
SMF26NLN	F6	
SMF26NN	106	
SMF26NNM	EE	
SMF26NOJ	B2	10
SMF26NON	DE	
SMF26NOU	B2	8
SMF26NPD	C2	
SMF26NPT	BE	
SMF26NRA	EB	
SMF26NSD	BA	
SMF26NST	B6	
SMF26NTW	AC	1000
SMF26NU	10E	
SMF26NWL	BE	
SMF26NXN	E6	
SMF26OAG	B0	
SMF26OID	CA	
SMF26OPC	B3	1
SMF26OPD	E6	
SMF26OPS	D9	
SMF26OPT	E2	
SMF26OSD	DE	
SMF26OST	DA	
SMF26OWL	B8	
SMF26PDD	104	
SMF26PD3	104	
SMF26PRD	B4	
SMF26PRJ	B2	10
SMF26PRR	100	
SMF26PTR	7C	7C
SMF26PUD	B8	
SMF26PUR	102	
SMF26RID	BE	
SMF26ROM	E8	
SMF26RPD	B6	
SMF26RPT	B2	
SMF26RSD	9A	
SMF26RST	96	
SMF26RSV	A6	
SMF26RTY	81	
SMF26RVA	E4	
SMF26RV1	B0	
SMF26RV2	B0	
SMF26RV4	B0	
SMF26RV5	B0	
SMF26RV6	F9	
SMF26RV8	D8	
SMF26R02	AC	200
SMF26SBS	AA	
SMF26SCN	B2	4
SMF26SEG	7E	
SMF26SID	8A	
SMF26SJB	D0	40
SMF26SRC	15C	
SMF26STK	B2	20
SMF26STU	B3	40
SMF26SUI	FE	
SMF26TME	82	
SMF26TOT	0	355
SMF26TRH	B3	20
SMF26UIF	9E	
SMF26WCL	C0	
SMF26WIN	D0	
SMF26WJC	D1	
SMF26WLM	D0	80
SMF26WOC	C8	
SMF26WSE	D9	
SMF26XBC	B3	8
SMF26XBT	B4	
SMF26XID	C6	
SMF26XLN	B6	
SMF26XPD	D6	
SMF26XPG	BC	
SMF26XPI	D6	
SMF26XPS	D7	
SMF26XPT	D2	
SMF26XPU	BA	
SMF26XSD	CE	
SMF26XST	CA	
SMF26XTM	EC	
SMF26XWR	D8	10

IATYJMU Heading Information

Common Name: JESMSG Message Unit
Macro ID: IATYJMU
DSECT Name: JMUSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JMU (JMUSTART)
Offset: 0
Length: 4
Storage Attributes: Main Storage: Subpool CSA or 0
Auxiliary Storage: N/A
Key: Key 1 (JESKEY)
Residency: ANY
Size: JMUSIZE (for JMUSTART)
Created by: IATSSJM
Pointed to by: JMUNEXT in IATYJMU
JMUPREV in IATYJMU
MEMJMUPD in IATYMEM
MEMJMUWT in IATYMEM
MEMBEJPD in IATYMEM
MEMBEJWT in IATYMEM
Serialization: (1) Compare and Swap is used when adding entries to the JMU queue.
(2) The JESMSG write lock must be held when the JMU elements are removed from the JMU queue.
Function: This data area contains information relating to JESMSG processing that is to occur in the user's address space. Hence, the acronym for JESMSG User Element.

IATYJMU Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JMUSTART	
0	(0)	CHARACTER	4	JMUID	JMU identifier
4	(4)	ADDRESS	4	JMUNEXT	Pointer to next JMU entry
8	(8)	ADDRESS	4	JMUPREV	Pointer to prev JMU entry
12	(C)	SIGNED	4	JMUSUBPL	Subpool of this JMU storage
12	(C)	X'FF'	0	JMUSP255	"255" Equate for subpool 255 0104 (Private LSQA/ELSQA) 0104
12	(C)	X'F1'	0	JMUSP241	"241" Equate for subpool 241 (CSA) 0104
16	(10)	BITSTRING	16	JMUUSRID (0)	Job/user identifier
16	(10)	CHARACTER	8	JMUJNAME	Jobname of message issuer
24	(18)	CHARACTER	8	JMUJID	Job id of message issuer
32	(20)	SIGNED	4	JMUMSGLN	Length of message text
36	(24)	CHARACTER	10	JMUMSGTS	Timestamp
46	(2E)	CHARACTER	120	JMUMSGTX	JESMSG text 0096
166	(A6)	BITSTRING	1	JMUFLG1	JMU Flag 1

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IATYJMU Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- Definition of JMUFLG1 ----------			
		End of Comment			
		1...		JMUGLBLE	"X'80'" Entry is from JES3 global
		.1..		JMUFLG40	"X'40'" Reserved for IBM
		..1.		JMUFLG20	"X'20'" Reserved for IBM
		...1		JMUFLG10	"X'10'" Reserved for IBM
		.... 1...		JMUFLG08	"X'08'" Reserved for IBM
		.... .1..		JMUFLG04	"X'04'" Reserved for IBM
		.... ..1.		JMUFLG02	"X'02'" Reserved for IBM
		1		JMUFLG01	"X'01'" Reserved for IBM
167	(A7)	BITSTRING	1	JMURSVD1	Reserved for IBM 0096
168	(A8)	SIGNED	4	JMURSVD2 (4)	Reserved for IBM
184	(B8)	SIGNED	4	JMURSVD3 (4)	Reserved for IBM Service
200	(C8)	SIGNED	4	JMUEND (0)	- End of JMU entry
200	(C8)	X'C8'	0	JMUSIZE	"JMUEND-JMUSTART" JMU size

IATYJMU Cross Reference

Name	Hex Offset	Hex Value
JMUEND	C8	
JMUFLG01	A6	1
JMUFLG02	A6	2
JMUFLG04	A6	4
JMUFLG08	A6	8
JMUFLG1	A6	0
JMUFLG10	A6	10
JMUFLG20	A6	20
JMUFLG40	A6	40
JMUGLBLE	A6	80
JMUID	0	D1D4E440
JMUJID	18	40404040
JMUJNAME	10	40404040
JMUMSGLN	20	0
JMUMSGTS	24	40404040
JMUMSGTX	2E	40404040
JMUNEXT	4	
JMUPREV	8	
JMURSVD1	A7	0
JMURSVD2	A8	0
JMURSVD3	B8	0
JMUSIZE	C8	C8
JMUSP241	C	F1
JMUSP255	C	FF
JMUSTART	0	
JMUSUBPL	C	0
JMUUSRID	10	

IATYJNT Programming Interface information

Programming Interface information

IATYJNT

End of Programming Interface information

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IATYJNT Heading Information

Common Name: JOB-NET CONTROL BLOCK (JNCB)
Macro ID: IATYJNT
DSECT Name: JNSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JNCB
Offset: 0
Length: 4
Storage Attributes: Main Storage: JESPOOL
Auxiliary Storage: n/a
Size: 112 Bytes
Created by: IATISNT
Pointed to by: JNCBTOP in IATYTVT
Serialization: NONE
Function: One JNCB is created for each DJC NET in the system.

IATYJNT Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JNSTART	
0	(0)	SIGNED	4	JNNEXT	- JOB-NET FORWARD CHAIN POINTER #02542
4	(4)	CHARACTER	4	JNCBID	CONTROL BLOCK ID
8	(8)	CHARACTER	8	JNID	- JOB-NET IDENTIFIER
16	(10)	BITSTRING	12	JNNCBFDB	- NET CONTROL BLOCK FDB
28	(1C)	ADDRESS	2	JNCBSIZE	- SIZE OF JNCB
30	(1E)	SIGNED	2	JNTOTCNT	- TOTAL NUMBER OF JOBS IN NET (HEX)
32	(20)	SIGNED	2	JNCURCNT	- NUMBER OF JOBS COMPLETED (HEX)
34	(22)	BITSTRING	1	JNWTCONT	FCT'S WAITING FOR JNCB
35	(23)	BITSTRING	1	JNTRSVS	RESERVED FOR SERVICE
36	(24)	SIGNED	2	JNRESVD1	RESERVED FOR DEVELOPMENT
38	(26)	CHARACTER	1	JNFLAG1	- JOB-NET FLAGS 1

Comment

```
-----------------------------------------------------------------
          DEFINITION OF JNFLAG1
-----------------------------------------------------------------
```

End of Comment

		1		JNDJINIT	"X'01'" - JOB NET INITIALIZATION IS IN PROGRESS
		.... ..1.		JNDJACT	"X'02'" - DJ IS ACTIVE ON THIS NET
		.... .1..		JNMISUCC	"X'04'" - THIS NET IS MISSING A SUCCESSOR
		.... 1...		JNMISUBN	"X'08'" - RELEASE SUB-NET NOT IN SYSTEM
		...1		JNNETCAN	"X'10'" - JOB-NET HAS BEEN CANCELED
		..1.		JNDJNOT	"X'20'" - THIS NET CANNOT BE DJ'ED
		.1..		JNDJED	"X'40'" - THIS NET HAS BEEN DJ'ED
		1...		JNFLUSH	"X'80'" - FLUSH PROCESSING REQUIRED
39	(27)	CHARACTER	1	JNFLAG2	- JOB-NET FLAGS 2

Comment

```
-----------------------------------------------------------
      DEFINITION OF JNFLAG2
-----------------------------------------------------------
```

End of Comment

		1		JNUNRERR	"X'01'" UNRECOVERABLE ERROR RECOVERY
		.... ..1.		JNRECERR	"X'02'" RECOVERABLE ERROR RECOVERY

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		JNNORECV	"X'04'" DO NOT DO ERROR RECOV
		.... 1...		JNNETDEL	"X'08'" COMP NET WAITING FOR DELETE
		...1		JNINTSNT	"X'10'" INTERCOM SENT FOR DELETE
40	(28)	CHARACTER	1	JNFLAG3	- JOB-NET FLAGS 3

Comment

DEFINITION OF JNFLAG3

End of Comment

		1		JNDJRSET	"X'01'" - DJ RESET CONTROL FLAG
44	(2C)	SIGNED	4	JNDFCB	- DFCB ADDR FOR THIS NET

Comment

JNCB NET-CONTROL WORK AREAS

End of Comment

48	(30)	ADDRESS	4	JNCBUSER	THE ADDRESS OF THE FCT THAT IS CURRENTLY HOLDING THIS JNCB
52	(34)	SIGNED	4	JNSAVPRV	- BUFFER ADDRESS SAVE AREA - PREVIOUS
56	(38)	SIGNED	4	JNSAVCUR	- BUFFER ADDRESS SAVE AREA - CURRENT
60	(3C)	BITSTRING	12	JNFDBSAV	FDB SAVE AREA
72	(48)	BITSTRING	12	JNFDBPRV	PREVIOUS FDB SAVE AREA
84	(54)	BITSTRING	12	JNCBRSVS	RESERVED FOR SERVICE
96	(60)	BITSTRING	12	JNRCERRD	FDB FOR I/O ERROR RECOVERY PROCESSING
108	(6C)	SIGNED	2	JNPNDCNT	COUNT OF RESUBMITTED JOBS
110	(6E)	SIGNED	2	JNISACNT	NUMBER OF INPUT SERVICE RELATED FCTS ACTIVE ON THIS NET

Comment

Define the old length (i.e. prior to APAR OY59185)
for Dump Job. IATDJIN, before OY59185, assumes that
the JNCB size won't change. It obtains storage
based on what it knows the JNCB size is and then
copies it including the length field.

End of Comment

110	(6E)	X'70'	0	JNCBLENO	"*-JNSTART" LENGTH FOR DJ

Comment

In-storage summary control block anchors

End of Comment

112	(70)	ADDRESS	4	JNJSEBUF	ADDRESS OF DJC JOB SUMMARY ELEMENT BUFFER POOL
116	(74)	ADDRESS	4	JNJSEALC	ADDRESS OF ALLOCATED DJC JOB SUMMARY ELEMENT CHAIN FOR THIS NET
120	(78)	ADDRESS	4	JNJSEFRE	ADDRESS OF FREE DJC JOB SUMMARY ELEMENT CHAIN FOR THIS NET
124	(7C)	ADDRESS	4	JNNFTBUF	ADDRESS OF NCB FDB TABLE (NFT) FOR THE NCB BUFFERS ASSOCIATED WITH THIS NET
128	(80)	ADDRESS	4	JNNFTCBF	ADDRESS OF NFT BUFFER FOR THE CURRENT NFT ENTRY ASSOCIATED WITH THE NCB

IATYJNT Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
132	(84)	ADDRESS	4	JNNFTCEN	ADDRESS OF NFT ENTRY ASSOCIATED WITH THE NCB
136	(88)	BITSTRING	1	JNEND (0)	- END OF CONTROL BLOCK
136	(88)	BITSTRING	1	JNSIZE (0)	-L'JNSIZE IS SIZE OF ENTRY

IATYJNT Cross Reference

Name	Hex Offset	Hex Value
JNCBID	4	D1D5C3C2
JNCBLENO	6E	70
JNCBRSVS	54	0
JNCBSIZE	1C	88
JNCBUSER	30	
JNCURCNT	20	
JNDFCB	2C	
JNDJACT	26	2
JNDJED	26	40
JNDJINIT	26	1
JNDJNOT	26	20
JNDJRSET	28	1
JNEND	88	
JNFDBPRV	48	0
JNFDBSAV	3C	0
JNFLAG1	26	
JNFLAG2	27	
JNFLAG3	28	
JNFLUSH	26	80
JNID	8	
JNINTSNT	27	10
JNISACNT	6E	0
JNJSEALC	74	
JNJSEBUF	70	
JNJSEFRE	78	
JNMISUBN	26	8
JNMISUCC	26	4
JNNCBFDB	10	
JNNETCAN	26	10
JNNETDEL	27	8
JNNEXT	0	
JNNFTBUF	7C	
JNNFTCBF	80	
JNNFTCEN	84	
JNNORECV	27	4
JNPNDCNT	6C	0
JNRCERRD	60	0
JNRECERR	27	2
JNRESVD1	24	
JNSAVCUR	38	0
JNSAVPRV	34	0
JNSIZE	88	
JNSTART	0	
JNTOTCNT	1E	
JNTRSVS	23	
JNUNRERR	27	1
JNWTCONT	22	0

IATYJOB Programming Interface information

Programming Interface information

IATYJOB

End of Programming Interface information

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IATYJOB Heading Information

Common Name: Job Level Information
Macro ID: IATYJOB
DSECT Name: IATYJOB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: SUBPOOL ZERO
Auxiliary Storage: N/A
Subpool: ZERO
Key: 1 (JESKEY)
Residency: BELOW, ANY
Size: See Assembler Listing
Created by: IATIICM
Pointed to by: Contained Within IDD
(MACRO IATYIDD)
Serialization: None
Function: This macro contains job level information from the SWA control blocks (JCT, ACT).

IATYJOB Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYJOB	
0	(0)	SIGNED	4	JBLTSOID	- TSO USER ID PTR
4	(4)	SIGNED	4	JBLACT#1	ADDRESS OF IDDACT#1 WHICH CONTAINS PROGRAMMER NAME, JOB TIME, AND JOB ACCTG INFO COPIED FROM THE FIRST JOB ACT
8	(8)	SIGNED	4	JBLACT#2	ADDRESS OF IDDACT#2 WHICH CONTAINS PROGRAMMER NAME, JOB TIME, AND JOB ACCTG INFO COPIED FROM THE SECOND JOB ACT
12	(C)	SIGNED	4	JBLSMFU	- PTR TO USER SMF AREA
16	(10)	CHARACTER	1	JBLRSVD1	RESERVED FOR DEVELOPMENT 0043
17	(11)	CHARACTER	1	JBLMSGCL	- JOB MESSAGE CLASS
18	(12)	CHARACTER	1	JBLPRTY	- JOB PRIORITY
19	(13)	CHARACTER	1	JBLCLASS	- JOB CLASS
20	(14)	BITSTRING	1	JBLFSTEP	- STEP NUM OF FIRST STP TO RUN
21	(15)	BITSTRING	1	JBLRSTRT	- JOB RESTART FLAGS
22	(16)	BITSTRING	1	JBLFLAG1	- JOB STATUS FLAG
24	(18)	SIGNED	4	JBLRSVD	RESERVED FOR DEVELOPMENT
28	(1C)	SIGNED	4	JBLRSVS	RESERVED FOR SERVICE
32	(20)	SIGNED	4	JBLRSVU	RESERVED FOR USER
36	(24)	BITSTRING	1	JBLEND (0)	- END OF JOBL ENTRY

Comment

```
-------------------------------------------------------------
          DEFINITION OF JBLRSTRT
-------------------------------------------------------------
```

End of Comment

1...	JBLSTPRS	"X'80'" - STEP RESTART SPECIFIED
.1..	JBLCHKRS	"X'40'" - CHECKPOINT RESTART SPECIF'D
.... 1...	JBLJRNL	"X'08'" JOURNAL REQUIRED

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		---------- DEFINITION OF JBLFLAG1 ----------			
				End of Comment	
		1...		JBLADDRL	"X'80'" - ADDRSPC=REAL WAS SPECIFIED

IATYJOB Cross Reference

Name	Hex Offset	Hex Value
IATYJOB	0	
JBLACT#1	4	0
JBLACT#2	8	0
JBLADDRL	24	80
JBLCHKRS	24	40
JBLCLASS	13	40
JBLEND	24	
JBLFLAG1	16	0
JBLFSTEP	14	0
JBLJRNL	24	8
JBLMSGCL	11	40
JBLPRTY	12	40
JBLRSTRT	15	0
JBLRSVD	18	0
JBLRSVD1	10	
JBLRSVS	1C	0
JBLRSVU	20	0
JBLSMFU	C	0
JBLSTPRS	24	80
JBLTSOID	0	0

IATYJPRT Heading Information

Common Name: JCT DATA SPACE PAGE RELEASE TABLE
Macro ID: IATYJPRT
DSECT Name: JPRTSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JPRT
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: N/A
Size: 104 Bytes
Created by: IATINJQ
Pointed to by: JQXPAGRL in IATYJQX
Serialization: NONE
Function: This macro maps the page release table used for the JCT data space.

IATYJPRT Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JPRTSTRT	, JCT DATA SPACE PAGE RELEASE TABLE
0	(0)	CHARACTER	4	JPRTID	CONTROL BLOCK ID
4	(4)	SIGNED	4	JPRTTSIZ	TOTAL SIZE OF TABLE
8	(8)	SIGNED	4	JPRTSAVE (18)	SAVE AREA USED TO DSPSERV CALLS
80	(50)	SIGNED	4	JPRTRSVD (2)	RESERVED FOR DEVELOPMENT
88	(58)	SIGNED	4	JPRTRSVS (2)	RESERVED FOR SERVICE
96	(60)	SIGNED	4	JPRTRSVU (2)	RESERVED FOR USER
104	(68)	SIGNED	4	JPRTHEND (0)	END OF PAGE RELEASE TABLE HEADER
104	(68)	X'68'	0	JPRTHSIZ	"*-JPRTSTRT" SIZE OF PAGE RELEASE TABLE HEADER

Comment

JCT DATA SPACE PAGE RELEASE TABLE DATA - THERE IS
ONE BYTE FOR EACH JCT DATA SPACE PAGE.

End of Comment

104	(68)	BITSTRING	1	JPRTDATA (0)

IATYJPRT Cross Reference

Name	Hex Offset	Hex Value
JPRTDATA	68	
JPRTHEND	68	
JPRTHSIZ	68	68
JPRTID	0	D1D7D9E3
JPRTRSVD	50	0
JPRTRSVS	58	0
JPRTRSVU	60	0
JPRTSAVE	8	0
JPRTSTRT	0	
JPRTTSIZ	4	0

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IATYJPSE Heading Information

Common Name: JQE Priority Scan Element
Macro ID: IATYJPSE
DSECT Name: JPSESTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JPSE
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Size: JPSESIZE bytes
Created by: IATGRJX
Pointed to by: JQXPSEHD in IATYJQX
JQXPSEFR in IATYJQX
JPSENEXT in IATYJPSE
Serialization: None
Function: This macro maps the data that is used to keep track of a JQE priority scan. When an FCT AENQ's on a priority, a JQE priority scan element is created and anchored from the appropriate priority queue header in the JQX (JQXPSEHD). When the end of a priority is reached or the priority is DEQ'd, the priority scan element is returned to the free pool.

IATYJPSE Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	JPSESTRT	, JQX Priority Scan Element
0	(0)	CHARACTER	4	JPSEID	Control block id
4	(4)	ADDRESS	4	JPSENEXT	Address of next element in the queue
8	(8)	ADDRESS	4	JPSEFCT	Address of FCT associated with this element
12	(C)	ADDRESS	4	JPSEDSP	Address of DSP dictionary associated with this element
16	(10)	SIGNED	4	JPSEJBNO	Next job in priority scan This is a 32-bit unsigned integer from 1 to the equated definition of MAXIMUM_JOB_NUMBER_ALLOWED. A value of X'FFFFFFFF' indicates a marker for end of priority scan
20	(14)	BITSTRING	1	JPSEPRTY	Priority being scanned

Comment

```
-------------------------------------------------------------
      Definition of JPSEFLG1.
-------------------------------------------------------------
```

End of Comment

21	(15)	BITSTRING	1	JPSEFLG1	Flag one
		1...		JPSEEXCL	"X'80'" Exclusive use of the priority was requested. If off, shared use of the priority was requested.
22	(16)	BITSTRING	2	JPSERSVD	Reserved for development
24	(18)	DBL WORD	8	JPSEEND (0)	End of an element
24	(18)	X'18'	0	JPSESIZE	"*-JPSESTRT" Size of an element
24	(18)	X'14'	0	JPSECNT	"20" Number of elements in an extent

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IATYJPSE Cross Reference

Name	Hex Offset	Hex Value
JPSECNT	18	14
JPSEDSP	C	
JPSEEND	18	
JPSEEXCL	15	80
JPSEFCT	8	
JPSEFLG1	15	0
JPSEID	0	D1D7E2C5
JPSEJBNO	10	0
JPSENEXT	4	
JPSEPRTY	14	0
JPSERSVD	16	0
JPSESIZE	18	18
JPSESTRT	0	

IATYJQE Programming Interface information

Programming Interface information

IATYJQE

The following field is **NOT** programming interface information:

- JQEXADDR

End of Programming Interface information

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IATYJQE Heading Information

Common Name: JOB QUEUE ELEMENT
Macro ID: IATYJQE
DSECT Name: JQESTART, JQE3STRT, JQE2STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 Private Area (Subpool 0)
Auxiliary Storage: None
Size: JQESIZE bytes
Created by: IATINJQ
Pointed to by: JQX0AD, JQX1AD, JQX2AD,
JQX3AD, JQX4AD OF IATYJQX
Serialization: N/A
Function: Contains the storage resident job queue element.

IATYJQE Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	JQESTART	
0	(0)	BITSTRING	12	JQEFDB	FDB FOR JCT I/O REQUESTS
12	(C)	SIGNED	4	JQEJNO	Job number
16	(10)	SIGNED	4	JQEPREV	Jobno previous job this PRTY
20	(14)	SIGNED	4	JQENEXT	Jobno next job this PRTY
24	(18)	BITSTRING	1	JQEFLG1	CONTROL FLAG 1

Comment

```
-------------------------------------------------------------
      Definition of JQEFLG1.
-------------------------------------------------------------
```

End of Comment

		1...		JQEALLOC	"X'80'" THIS JQE CURRENTLY ALLOCATED
		.1..		JQENORD	"X'40'" RO ACCESS PROHIBITED
		..1.		JQEDEL	"X'20'" ALLOW TYPE=DEL ONLY
		...1		JQEFREEZ	"X'10'" SAME AS JCTFREEZ
		.... 1...		JQEDJCOH	"X'08'" DJC OPERATOR HOLD
		.... .1..		JQEDJHLD	"X'04'" JCT IS IN NET HOLD
		.... ..1.		JQECAT	"X'02'" Catastrophic error on the JQE or JCT
		1		JQEMSG	"X'01'" Catastrophic error message issued
25	(19)	BITSTRING	1	JQEFLG2	CONTROL FLAG 2

Comment

```
-------------------------------------------------------------
      Definition of JQEFLG2.
-------------------------------------------------------------
```

End of Comment

		1...		JQEDUPNM	"X'80'" JSS HAS MOVED THE JOB FROM THE DUPLICATE JOBNAME QUEUE
		.1..		JQEDJBYP	"X'40'" BYPASS DJ FOR THIS JOB -- WAS ALREADY PROCESSED BY DJ.
		..1.		JQEDSEL	"X'20'" DEMAND SELECT JOB
		...1		JQEFSS	"X'10'" JOB RUNS AS FSS ADDR SPACE
		.... 1...		JQESPHLD	"X'08'" JOB IS IN SPOOL HOLD

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		JQESBOWN	"X'04'" 0 => JOB OWNER FROM JOBCARD OR PROPAGATED FROM SUBMITTOR 1 => USE SUBMITTOR AS OWNER (MAY BE / MAIN USER=)
		.... ..1.		JQEBELEF	"X'02'" Belated ending function scheduled for this job by JSS
		1		JQESCHEN	"X'01'" Job has a scheduling environment
28	(1C)	SIGNED	4	JQERESQ	ADDR OF RESQ
32	(20)	SIGNED	4	JQERWFCT	RW FCT ADDR
36	(24)	BITSTRING	1	JQERWENQ	RW ENQ BYTE
37	(25)	BITSTRING	1	JQERSTFL	JOB RESTART REQUIREMENTS FLAG

Comment

Definition of JQERSTFL (same as JVWRSTFL in IATYJVW)

End of Comment

		1...		JQEPCRST	"X'80'" PROCLIB RESTART REQUIRED
		.1..		JQEOSEBY	"X'40'" BYPASS OSE BUILD
		..1.		JQESOMAR	"X'20'" RQ FOR MAIN AND OUTSERV CHNS
38	(26)	BITSTRING	1	JQEFLG3	JQE Flag Three

Comment

Definition of JQEFLG3.

End of Comment

		1...		JQEMSNCM	"X'80'" C/I processing is complete for this job but main service is not complete
		.1..		JQERECLS	"X'40'" WLM reclassification is required for this job
		..1.		JQERECIP	"X'20'" WLM reclassification is in progress for this job
		...1		JQEDLYCK	"X'10'" Delay checkpointing is required for this job
		.... 1...		JQERF308	"X'08'" Reserved flag
		.... .1..		JQERF304	"X'04'" Reserved flag
		.... ..1.		JQERF302	"X'02'" Reserved flag
		1		JQERF301	"X'01'" Reserved flag
39	(27)	BITSTRING	1	JQERSVD	Reserved for IBM
40	(28)	BITSTRING	1	JQEFL1	SAME AS JCTFL1
41	(29)	BITSTRING	1	JQEFL2	SAME AS JCTFL2
42	(2A)	BITSTRING	1	JQEUCT	USE COUNT FOR R/O USERS
43	(2B)	BITSTRING	1	JQEPRTY	JOB PRIORITY
44	(2C)	BITSTRING	1	JQESTAT1	SEDSPNO FOR CURNT/NXT S.E.
45	(2D)	BITSTRING	1	JQESTAT2	SEFLAGS FOR CURNT/NXT S.E.
46	(2E)	BITSTRING	1	JQECLS	GMS JOB CLASS SEQ
47	(2F)	BITSTRING	1	JQEGRP	GMS EXRESC GROUP SEQ
48	(30)	CHARACTER	8	JQEORG	JOB ORIGIN 22
56	(38)	CHARACTER	8	JQEOUSID	OWNING USER ID D020
64	(40)	CHARACTER	8	JQETUSID	SUBMITTING TSO USERID 0618
72	(48)	CHARACTER	8	JQESCHCL	GMS JOB CLASS NAME
80	(50)	BITSTRING	1	JQESESEQ	CURRENT SE SEQUENCE NUMBER
81	(51)	BITSTRING	1	JQEQFLGS	JQE WAIT QUEUE INDICATORS

Comment

Definition of JQEQFLGS.
Note: IATGRJS, IATGRWJ, IATMFR5, IATMFS5, and IATUTDS must be updated if changes are made to JQEQFLGS.

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1		JQEQRDY	"X'01'" THIS JQE IS WAITING FOR JSS 0181 SE SCHEDULING OR ENDING FUNCTION PROCESSING; THE JQE IS ON THE JSSREADY JQE CHAIN ANCHORED IN IATGRJS.
		.... ..1.		JQEQDSP	"X'02'" THIS JQE IS WAITING FOR THE 0181 DSP TO BE RELEASED FROM HOLD OR WAITING BECAUSE OF THE DSP USE COUNT LIMIT; THE JQE IS ON THE DSPJQEWQ JQE CHAIN ANCHORED IN THE DSP DICT. ENTRY FOR THE DSP NUMBER IN FIELD JQESTAT1.
		11		JQEQRSQ	"X'03'" THIS JQE IS WAITING FOR JSS 0181 SCHEDULING BECAUSE AN RQ WAS NOT AVAILABLE; THE JQE IS ON THE JSSRSQWT JQE CHAIN ANCHORED IN IATGRJS.
		.... .1..		JQEQPLB	"X'04'" THIS JQE IS WAITING FOR JSS 0181 SCHEDULING BECAUSE A REQUIRED PROCLIB IS UNAVAILABLE; THE JQE IS ON THE JSSPLBWT JQE CHAIN ANCHORED IN IATGRJS.
		.... .1.1		JQEQMCG	"X'05'" THIS JQE IS WAITING FOR JSS 0181 SCHEDULING BECAUSE A MAIN, CLASS, OR GROUP WAS NOT AVAILABLE; THE JQE IS ON THE JSSMCGWT JQE CHAIN ANCHORED IN IATGRJS.
		.... .11.		JQEQTEMP	"X'06'" THIS JQE CAME FROM THE C/I 0181 DSP BACKLOG BUT WASN'T 0818 SCHEDULED DUE TO BEING 0818 REJECTED BY A USER EXIT; 0818 IT WILL RESIDE ON THE 0818 JSSTMPWQ QUEUE IN IATGRJS 0818 UNTIL ALL USE COUNT POSTS 0818 HAVE BEEN PROCESSED. 0818 0818
		.... .111		JQEQSMS	"X'07'" THIS JQE IS WAITING FOR SMS 0181 RESOURCES TO BECOME AVAILABLE. THE JQE IS ON THE JSSSMSWT CHAIN ANCHORED IN IATGRJS.
		.... 1...		JQEQNMPL	"X'08'" THIS JQE IS WAITING FOR A 0181 MAIN PROCESSOR TO BECOME 0181 AVAILABLE THAT CAN PERFORM 0181 THE LOCATE PROCESSING 0181 REQUIRED BY THE JOB. 0181 0181
		.... 1..1		JQEQDUPJ	"X'09'" THIS JQE IS WAITING FOR JSS TO SCHEDULE IT TO MAIN BECAUSE THERE IS ANOTHER JOB WITH THE SAME NAME ALREADY THERE.
		.... 1.1.		JQEQCIJ	"X'0A'" This JQE is waiting for 0082 JSAM buffer usage by C/I 0082 and POSTSCAN to drop to a 0082 reasonable level. The 0082 JQE is on the JSSCIJWQ 0082 chain anchored in IATGRJS.0082 0082
82	(52)	BITSTRING	1	JQESTATE	JQE Status Indicators 0082

Comment

---------- 0
Definition of JQESTATE.

End of Comment

		1...		JQEQWAIT	"X'80'" THIS JQE IS ON THE JQE QUEUE INDICATED BY THE OTHER FLAGS IN JQEQFLGS.
		.1..		JQEEFSCH	"X'40'" THIS JQE IS AWAITING ENDING FUNCTION PROCESSING BY JSS.
		..1.		JQEEFSUS	"X'20'" JSS SCHEDULING OF THE NEXT SE WAS SUSPENDED AFTER EF BECAUSE THE JQE/RQ WAS LOCKED
		...1		JQEJBUSY	"X'10'" THE JCT FOR THIS JOB WAS IN USE BY ANOTHER FUNCTION WHEN JSS ATTEMPTED TO SCHEDULE OR PERFORM ENDING FUNCTION; PLACE THE JQE ON THE READY Q WHEN THE JCT IS RELEASED
		.... 1...		JQERQPAS	"X'08'" THE CURRENT RQ IS TO BE USED FOR SCHEDULING OF THE NEXT SE (OUTSERV)
		.... .1..		JQEDSPND	"X'04'" THE DSP PENDING COUNT (DSPSCCT) WAS INCREMENTED FOR THIS JQE.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		JQEERROR	"X'02'" THIS JQE WAS BEING PROCESSED WHEN A JSS ERROR OCCURRED
		1		JQEJSSUS	"X'01'" THIS JQE IS BEING PROCESSED BY JSS
83	(53)	BITSTRING	1	JQEFLRSV	RESERVED FOR DEVELOPMENT
84	(54)	SIGNED	4	JQETOD	TOD THAT THIS JQE WAS FIRST ADDED TO THE JOB QUEUE, FOR QUEUEING OF JQES BY AGE.
88	(58)	ADDRESS	4	JQEQNEXT	ADDRESS OF THE NEXT JQE ON THE JQE QUEUE INDICATED BY JQEQFLGS.
92	(5C)	ADDRESS	4	JQEQPREV	ADDRESS OF THE PREVIOUS JQE ON THE JQE QUEUE INDICATED BY JQEFLGS.

Comment

End of Comment

96	(60)	ADDRESS	4	JQERCEAD	RQ CHAINED SRF EXT. ADDRESS
100	(64)	SIGNED	2	JQEJDSCT	NO. OF JDS BUFFERS FOR JOB
102	(66)	SIGNED	2	JQEJSTCT	NO. OF JST BUFFERS FOR JOB
104	(68)	SIGNED	4	JQEQTOD	TIME OF DAY THIS JQE WAS ADDED TO THE JSS QUEUE INDICATED BY JQEQFLGS
108	(6C)	SIGNED	2	JQEOSECT	NO. OF OSE BUFFERS FOR JOB
110	(6E)	SIGNED	2	JQERSVD1	RESERVED FOR DEVELOPMENT
112	(70)	BITSTRING	1	JQEBACKD	THE NUMBER OF THE DSP WHERE THIS JQE WAS QUEUED WHEN IT WAS MOVED FROM THE WAIT QUEUE TO THE READY QUEUE
113	(71)	BITSTRING	1	JQERSVS1	RESERVED FOR SERVICE
114	(72)	SIGNED	2	JQERSVU1	RESERVED FOR USER
116	(74)	ADDRESS	4	JQEXADDR	JQE Extension address or zero
120	(78)	SIGNED	4	JQEEND (0)	End of JQE
120	(78)	X'78'	0	JQESIZE	"JQEEND-JQESTART" Size of JQE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JQE2STRT	
0	(0)	SIGNED	4	JQE2JIX	Index into JQE3/JQE4 table
0	(0)	X'4'	0	JQE2END	"*"
0	(0)	X'4'	0	JQE2SIZE	"JQE2END-JQE2STRT" Length of JQE2

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JQE3STRT	
0	(0)	CHARACTER	8	JQE3JNAM	THE JOB NAME
8	(8)	CHARACTER	8	JQE3JOWN	OWNER OF JOB
8	(8)	X'10'	0	JQE3END	"*"
8	(8)	X'10'	0	JQE3SIZE	"JQE3END-JQE3STRT" LENGTH OF JQE3

IATYJQE Cross Reference

Name	Hex Offset	Hex Value
JQEALLOC	18	80
JQEBACKD	70	0
JQEBELEF	19	2
JQECAT	18	2
JQECLS	2E	0
JQEDEL	18	20
JQEDJBYP	19	40
JQEDJCOH	18	8
JQEDJHLD	18	4
JQEDLYCK	26	10
JQEDSEL	19	20
JQEDSPND	52	4
JQEDUPNM	19	80
JQEEFSCH	52	40
JQEEFSUS	52	20
JQEEND	78	
JQEERROR	52	2
JQEFDB	0	0
JQEFLG1	18	0
JQEFLG2	19	0
JQEFLG3	26	0
JQEFLRSV	53	0
JQEFL1	28	0
JQEFL2	29	0
JQEFREEZ	18	10
JQEFSS	19	10
JQEGRP	2F	0
JQEJBUSY	52	10
JQEJDSCT	64	0
JQEJNO	C	0
JQEJSSUS	52	1
JQEJSTCT	66	0
JQEMSG	18	1
JQEMSNCM	26	80
JQENEXT	14	0
JQENORD	18	40
JQEORG	30	40404040
JQEOSEBY	25	40
JQEOSECT	6C	0
JQEOUSID	38	40404040
JQEPCRST	25	80
JQEPREV	10	0
JQEPRTY	2B	0
JQEQCIJ	51	A
JQEQDSP	51	2
JQEQDUPJ	51	9
JQEQFLGS	51	0
JQEQMCG	51	5
JQEQNEXT	58	
JQEQNMPL	51	8
JQEQPLB	51	4
JQEQPREV	5C	
JQEQRDY	51	1
JQEQRSQ	51	3
JQEQSMS	51	7
JQEQTEMP	51	6
JQEQTOD	68	0
JQEQWAIT	52	80
JQERCEAD	60	
JQERECIP	26	20
JQERECLS	26	40
JQERESQ	1C	0
JQERF301	26	1
JQERF302	26	2
JQERF304	26	4
JQERF308	26	8
JQERQPAS	52	8
JQERSTFL	25	0
JQERSVD	27	0
JQERSVD1	6E	0
JQERSVS1	71	0
JQERSVU1	72	0
JQERWENQ	24	0
JQERWFCT	20	0
JQESBOWN	19	4
JQESCHCL	48	40404040
JQESCHEN	19	1
JQESESEQ	50	0
JQESIZE	78	78
JQESOMAR	25	20
JQESPHLD	19	8
JQESTART	0	
JQESTATE	52	0
JQESTAT1	2C	0
JQESTAT2	2D	0
JQETOD	54	0
JQETUSID	40	40404040
JQEUCT	2A	0
JQEXADDR	74	
JQE2END	0	4
JQE2JIX	0	
JQE2SIZE	0	4
JQE2STRT	0	
JQE3END	8	10
JQE3JNAM	0	
JQE3JOWN	8	
JQE3SIZE	8	10
JQE3STRT	0	

IATYJQEX Heading Information

Common Name: Job Queue Element Extension (JQEX)
Macro ID: IATYJQEX
DSECT Name: JQEX_START
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JQEX
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Size: JQEX_SIZE bytes
Created by: IATGRJXS
Pointed to by: JQEXADDR in IATYJQE
Serialization: None
Function: This macro maps the Job Queue Element Extension (JQEX) that contains information from the job's JCT while it is in certain phases of JES3 processing.

IATYJQEX Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JQEX_START	, Job Queue Element Extension
0	(0)	CHARACTER	4	JQEX_ID	Control block id

Comment

Definition of JQEX_FLAG1

End of Comment

4	(4)	BITSTRING	1	JQEX_FLAG1	JQEX flag one
		1...		JQEX_GETMAIN	"X'80'" This JQEX was GETMAINed (instead of from the cellpool)
		.1..		JQEX_MAININF	"X'40'" This JQEX contains information for use during main service
5	(5)	BITSTRING	3	JQEX_RSVD1	Reserved for IBM
8	(8)	SIGNED	4	JQEX_COMMEND (0)	End of common information

Comment

Information for use during main service.

End of Comment

8	(8)	SIGNED	4	JQEX_MAINMASK	Main eligibility mask
12	(C)	CHARACTER	8	JQEX_SRVCLASS	Service class name
20	(14)	SIGNED	4	JQEX_WLMTOKEN	WLM classification token

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Delay times. The delay times from resource delay to operational delay correspond to the delay types in JQEX_DELAYTYP. ----------	
				End of Comment	
24	(18)	SIGNED	4	JQEX_CONVDLY	Total C/I delay
28	(1C)	BITSTRING	12	JQEX_DLYSTART (0)	Start of delays represented represented by JQEX_DELAYTYP
28	(1C)	SIGNED	4	JQEX_RESCDLY	Total resource delay
32	(20)	SIGNED	4	JQEX_JESSCDLY	Total JES scheduling delay
36	(24)	SIGNED	4	JQEX_OPERDLY	Total operational delay
40	(28)	SIGNED	4	JQEX_CURDLYTM	Current delay time stamp
				Comment	
				---------- Definition of JQEX_DELAYTYP. Delay types are in order from least restrictive to most restrictive. ----------	
				End of Comment	
44	(2C)	BITSTRING	1	JQEX_DELAYTYP	Current delay type represented by time stamp in JQEX_CURDLYTM
44	(2C)	X'0'	0	JQEX_TYPNONE	"0" No delay
44	(2C)	X'1'	0	JQEX_TYPRESC	"1" Resource delay
44	(2C)	X'2'	0	JQEX_TYPJESSC	"2" JES scheduling delay
44	(2C)	X'3'	0	JQEX_TYPOPER	"3" Operational delay
				Comment	
				---------- The delay reason code is the condition that caused the delay type in JQEX_DELAYTYP to be set. It provides more detailed information about the delay type. The delay reason codes are defined in macro IATYRQJS and are the same as the RQJSTAT reason codes used when a job is bypassed during MDS or GMS processing. ----------	
				End of Comment	
45	(2D)	BITSTRING	1	JQEX_DELAYRSN	Delay reason
46	(2E)	BITSTRING	2	JQEX_RSVD2	Reserved for IBM
				Comment	
				End of JQEX.	
				End of Comment	
48	(30)	DBL WORD	8	JQEX_END (0)	End of element
48	(30)	X'30'	0	JQEX_SIZE	"JQEX_END-JQEX_START" Size of element

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
Miscellaneous equates.					
				End of Comment	
48	(30)	X'64'	0	JQEX_PRIMSIZE	"100" Number of JQEX's in the primary extent
48	(30)	X'64'	0	JQEX_SECNSIZE	"100" Number of JQEX's in each secondary extent

IATYJQEX Cross Reference

Name	Hex Offset	Hex Value
JQEX_COMMEND	8	
JQEX_CONVDLY	18	0
JQEX_CURDLYTM	28	0
JQEX_DELAYRSN	2D	0
JQEX_DELAYTYP	2C	0
JQEX_DLYSTART	1C	
JQEX_END	30	
JQEX_FLAG1	4	0
JQEX_GETMAIN	4	80
JQEX_ID	0	D1D8C5E7
JQEX_JESSCDLY	20	0
JQEX_MAININF	4	40
JQEX_MAINMASK	8	0
JQEX_OPERDLY	24	0
JQEX_PRIMSIZE	30	64
JQEX_RESCDLY	1C	0
JQEX_RSVD1	5	0
JQEX_RSVD2	2E	0
JQEX_SECNSIZE	30	64
JQEX_SIZE	30	30
JQEX_SRVCLASS	C	40404040
JQEX_START	0	
JQEX_TYPJESSC	2C	2
JQEX_TYPNONE	2C	0
JQEX_TYPOPER	2C	3
JQEX_TYPRESC	2C	1
JQEX_WLMTOKEN	14	0

IATYJQX Heading Information

Common Name: JCT ACCESS METHOD DATA AREA
Macro ID: IATYJQX
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 NUCLEUS (IATGRJX)
Subpool: JESPOOL
Key: 1 (JESKEY)
Residency: Any
Size: 408 Bytes
Created by: IATINJQ
Pointed to by: TVTJQX IN IATYTVT
Serialization: JCT ACCESS METHOD
Function: JCT Access Method Data Area

IATYJQX Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	JQXSTART	
0	(0)	CHARACTER	4	JQXID	DIAGNOSTIC ID
4	(4)	ADDRESS	4	JQX0AD	ADDR JQE0
8	(8)	ADDRESS	4	JQX1AD	ADDR JQE1
12	(C)	ADDRESS	4	JQX2AD	ADDR JQE2
16	(10)	ADDRESS	4	JQX3AD	ADDR JQE3
20	(14)	ADDRESS	4	JQX4AD	ADDR JQE4
24	(18)	SIGNED	4	JQXJEND	END OF JQE4 TABLE
28	(1C)	SIGNED	4	JQXHINM	HI JOBNAME ADDR IN JQE3
32	(20)	SIGNED	4	JQXHIJQ	HI JQE ADDR IN JQE4

Comment

```
-------------------------------------------------------------
        JCT DATA SPACE INFORMATION.
-------------------------------------------------------------
```

End of Comment

36	(24)	ADDRESS	4	JQXPAGRL	JCT DATA SPACE PAGE RELEASE TABLE. INDICATES WHICH JCT DATA SPACE PAGES CONTAIN ALLOCATED JCT'S
40	(28)	SIGNED	4	JQXALET	ACCESS LIST ENTRY TOKEN (ALET) FOR THE JCT DATA SPACE
44	(2C)	BITSTRING	8	JQXSTOKN	SPACE TOKEN (STOKEN) FOR THE JCT DATA SPACE
52	(34)	ADDRESS	4	JQXJDSER	"V(JXJDSERR)" ADDRESS OF THE JCT DATA SPACE ERROR PROCESSING ROUTINE IN IATGRJX. THIS ROUTINE IS INVOKED WHEN AN ERROR OCCURS WHILE ACCESSING THE JCT DATA SPACE.
56	(38)	ADDRESS	4	JQXRDSRB	ADDRESS OF THE SRB USED TO ACCESS A JCT PAGE IN THE DATA SPACE WHEN THE PAGE IS NOT IN REAL STORAGE
60	(3C)	BITSTRING	1	JQXSRBLK	SRB LOCK BIT - TEST AND SET IS USED TO SERIALIZE THE USE OF THE SRB

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
61	(3D)	BITSTRING	3	JQXRSVD1	RESERVED FOR DEVELOPMENT
64	(40)	SIGNED	4	JQXJCTAD	JCT DATA SPACE ADDRESS OF THE JCT THAT IS CURRENTLY BEING READ IN - USED BY THE JCT READ SRB ROUTINE TO ACCESS THE JCT IN THE DATA SPACE
68	(44)	ADDRESS	4	JQXBUFAD	JSAM BUFFER ADDRESS THAT WILL CONTAIN THE JCT FROM THE DATA SPACE - USED BY THE JCT READ SRB ROUTINE
72	(48)	SIGNED	4	JQXJDSOR	JCT DATA SPACE ORIGIN (SET BY DSPSERV WHEN CREATING THE DATA SPACE)
76	(4C)	SIGNED	4	JQXJDSEA	ENDING ADDRESS OF THE JCT DATA SPACE. USED IN CONJUNCTION WITH JQXJDSOR TO DUMP THE JCT DATA SPACE
80	(50)	SIGNED	4	JQXVRAEN (0)	END OF THE VRADATA PART OF THE JQX. THE JQX FROM JQXSTART TP JQXVRAEN IS MOVED TO THE VRA
80	(50)	X'50'	0	JQXVRALN	"*-JQXSTART" LENGTH OF JQX FOR VRADATA

Comment

JMF STATISTICS

End of Comment

80	(50)	SIGNED	4	JQXREAD	TOTAL JCT JESREADS
84	(54)	SIGNED	4	JQXWRITE	TOTAL JCT AWRITES
88	(58)	SIGNED	4	JQXJBADD	NUMBER OF JOBS ADDED TO THE JOB QUEUE (NUMBER OF IATXJCT TYPE=ADD REQUESTS)
92	(5C)	SIGNED	4	JQXJBDEL	NUMBER OF JOBS DELETED FROM THE JOB QUEUE (NUMBER OF IATXJCT TYPE=DEL REQUESTS)
96	(60)	SIGNED	4	JQXRDINS	FOR JCT READ REQUESTS, THE NUMBER OF TIMES THE PAGE IN THE JCT DATA SPACE WAS IN REAL STORAGE
100	(64)	SIGNED	4	JQXRDNIS	FOR JCT READ REQUESTS, THE NUMBER OF TIMES THE PAGE IN THE JCT DATA SPACE WAS --NOT-- IN REAL STORAGE
104	(68)	SIGNED	4	JQXWTINS	FOR JCT WRITE REQUESTS, THE NUMBER OF TIMES THE PAGE IN THE JCT DATA SPACE WAS IN REAL STORAGE
108	(6C)	SIGNED	4	JQXWTNIS	FOR JCT WRITE REQUESTS, THE NUMBER OF TIMES THE PAGE IN THE JCT DATA SPACE WAS --NOT-- IN REAL STORAGE
112	(70)	SIGNED	4	JQXPGSIU	NUMBER OF JCT DATA SPACE PAGES IN USE
116	(74)	SIGNED	4	JQXJQ4PG	NUMBER OF JQE4 PAGES IN USE
120	(78)	SIGNED	4	JQXPGSRL	NUMBER OF JCT DATA SPACE PAGES RELEASED SO FAR

Comment

End of Comment

124	(7C)	BITSTRING	6	JQXSPADR	M.R FOR JCT ADD (WARM/HOT)
130	(82)	SIGNED	2	JQXFXSZ	Length of fixed section of JCT entry based on JCT data set record length: JQXMXSZ - SRF_prefix_size - size_of_SE_array
132	(84)	SIGNED	4	JQXWCT	WRITE ITERATION COUNT
136	(88)	SIGNED	4	JQXJMAX	Total number of JCT records in the JCT data set
140	(8C)	SIGNED	4	JQXCNT	Total bytes needed by the JQE1 table
144	(90)	ADDRESS	4	JQXCURNT	Number of JQEs in use
148	(94)	ADDRESS	4	JQXHW	High watermark JQE total
152	(98)	SIGNED	2	JQXMXSZ	JCT + SE'S + SRF PREFIX SIZE
154	(9A)	BITSTRING	1	JQXRSVDD	RESERVED FOR DEVELOPMENT

Comment

FLAGS

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
155	(9B)	BITSTRING	1	JQXFLG1	JQE/JCT CONTROL FLAG 1
					Comment

					DEFINITION OF BITS IN JQXFLG1

					End of Comment
		1...		JQXINIT	"X'80'" JQE/JCT INIT COMPLETE
		.1..		JQXJDSEN	"X'40'" THE JCT DATA SPACE IS ENABLED
		..1.		JQXJDMIS	"X'20'" JCT DATA SPACE DISABLE MESSAGES HAVE BEEN ISSUED
156	(9C)	BITSTRING	1	JQXFLG2	JQE/JCT CONTROL FLAG 2
					Comment

					DEFINITION OF BITS IN JQXFLG2

					End of Comment
157	(9D)	BITSTRING	1	JQXFLG3	JQE/JCT CONTROL FLAG 3
					Comment

					DEFINITION OF BITS IN JQXFLG3

					End of Comment
160	(A0)	SIGNED	4	JQXRESVS	RESERVED FOR SERVICE
164	(A4)	SIGNED	4	JQXRESVD	RESERVED FOR DEVELOPMENT
168	(A8)	SIGNED	4	JQXRESV4 (2)	RESERVED FOR USER
					Comment

					PRIORITY LEVEL ACCESS CONTROL FIELDS

					End of Comment
176	(B0)	SIGNED	4	JQXPHEAD (16)	First job PRTY 0-15
240	(F0)	SIGNED	4	JQXPTAIL (16)	Last job PRTY 0-15
304	(130)	ADDRESS	4	JQXPSEHD (16)	JQE priority scan element queue headers. There is one queue header for each priority. It contains a pointer to the first JQE priority scan element which represents an FCT scanning the JQE priority.
368	(170)	ADDRESS	4	JQXPSEFR	Address of first JQE priority scan element on the free queue
372	(174)	ADDRESS	4	JQXPENQ	"V(GRJXPENQ)" IATXPENQ (Priority ENQ) quick check routine address in IATGRJX
376	(178)	ADDRESS	4	JQXPENQ2	"V(GRJXPNQ2)" IATXPENQ (Priority ENQ) AENQ routine address in IATGRJX
380	(17C)	ADDRESS	4	JQXPDEQ	"V(GRJXPDEQ)" IATXPDEQ (Priority DEQ) routine address in IATGRJX
384	(180)	ADDRESS	4	JQXSRCSV	"V(JQSRCHSV)" IATXJQE search function router routine address in IATGRJQS
388	(184)	ADDRESS	4	JQXJXSRV	"V(JQEXSERV)" IATXJQEX router routine address in IATGRJXS
392	(188)	ADDRESS	4	JQXJXCPB	JQEX cellpool block address
396	(18C)	SIGNED	4	JQXRSVD2 (26)	Reserved for IBM
500	(1F4)	BITSTRING	1	JQXRSVD3 (14)	Reserved for IBM
514	(202)	SIGNED	2	JQXSECNT	Scheduler Element count

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

```
-----------------------------------------------------------
JQXPSTAT
-----------------------------------------------------------
TO ADDRESS FLAG BYTES FOR A SPECIFIC PRIORITY:
ASSUME R1=PRIORITY, R2=ADDRESS OF JQXPSTAT
     MH R1,=H'4' PRTY ENTRY SIZE
     AR R2,R1 ADDR PRTY STATUS WORD
     USING JQXPSTAT,R2 BASE FOR PRTY STATUS WORD
     ACCESS JQXPFL0-3 AS REQUIRED
     DROP R2 RESET
-----------------------------------------------------------
```

				End of Comment	
516	(204)	SIGNED	4	JQXPSTAT (0)	PRTY STATUS (1 FLWD/PRTY)
516	(204)	BITSTRING	1	JQXPFL0	PRIORITY STATUS
				Comment	

```
-----------------------------------------------------------
DEFINITION OF BITS IN JQXPF0
-----------------------------------------------------------
```

				End of Comment	
		1...		JQXPHOLD	"X'80'" PRTY IS HELD
		...1		JQXPRELH	"X'10'" PRIORITY RELEASED FROM HOLD
517	(205)	BITSTRING	1	JQXPFL1	RESERVED FOR SERVICE
518	(206)	BITSTRING	1	JQXPFL2	RESERVED FOR DEVELOPMENT
519	(207)	BITSTRING	1	JQXPFL3	RESERVED FOR USER
516	(204)	SIGNED	4	(16)	PRTY CONTROL WORDS
516	(204)	X'244'	0	JQXEND	"*" END OF JQX
				Comment	

```
-----------------------------------------------------------
VARIABLE LENGTH CONTROL BLOCK STORAGE IS GETMAINED IN PAGES
ADDITIONAL BYTES FOR ALLIGNMENT MAY MAKE THE STORAGE SIZE
SLIGHTLY LARGER THAN INDICATED BY INDIVIDUAL CONTROL BLOCK
REQUIREMENT AS CALCULATED BY THE NUMBER OF ENTRIES.
Sizes of individual table entries are defined in IATINJQ,
which is also responsible for obtaining the tables and
storing table addresses in IATYJQX.
-----------------------------------------------------------
     JQE0 (PAGE RELEASE TABLE - 1 HALFWORD PER ALLOC PAGE)
-----------------------------------------------------------
     JQE1 (JQE ALLOCATION TABLE - 1 BIT PER JOB NUMBER)
-----------------------------------------------------------
     JQE2 (Job number table - 4 bytes per job number)
-----------------------------------------------------------
     JQE3 (JOB NAME TABLE - 2 DOUBLEWORDS PER JOB NUMBER)
-----------------------------------------------------------
     JQE4 (JQE ENTRY TABLE - 88 BYTES PER JOB NUMBER)
-----------------------------------------------------------
```

End of Comment

IATYJQX Cross Reference

Name	Hex Offset	Hex Value
JQXALET	28	0
JQXBUFAD	44	
JQXCNT	8C	0
JQXCURNT	90	
JQXEND	204	244
JQXFLG1	9B	0
JQXFLG2	9C	0
JQXFLG3	9D	0
JQXFXSZ	82	0
JQXHIJQ	20	0
JQXHINM	1C	0
JQXHW	94	
JQXID	0	D1D8E740
JQXINIT	9B	80
JQXJBADD	58	0
JQXJBDEL	5C	0
JQXJCTAD	40	0
JQXJDMIS	9B	20
JQXJDSEA	4C	0
JQXJDSEN	9B	40
JQXJDSER	34	
JQXJDSOR	48	0
JQXJEND	18	0
JQXJMAX	88	0
JQXJQ4PG	74	0
JQXJXCPB	188	
JQXJXSRV	184	
JQXMXSZ	98	0
JQXPAGRL	24	
JQXPDEQ	17C	
JQXPENQ	174	
JQXPENQ2	178	
JQXPFL0	204	0
JQXPFL1	205	0
JQXPFL2	206	0
JQXPFL3	207	0
JQXPGSIU	70	0
JQXPGSRL	78	0
JQXPHEAD	B0	0
JQXPHOLD	204	80
JQXPRELH	204	10
JQXPSEFR	170	
JQXPSEHD	130	
JQXPSTAT	204	
JQXPTAIL	F0	0
JQXRDINS	60	0
JQXRDNIS	64	0
JQXRDSRB	38	
JQXREAD	50	0
JQXRESVD	A4	0
JQXRESVS	A0	0
JQXRESV4	A8	0
JQXRSVDD	9A	0
JQXRSVD1	3D	0
JQXRSVD2	18C	0
JQXRSVD3	1F4	0
JQXSECNT	202	0
JQXSPADR	7C	0
JQXSRBLK	3C	0
JQXSRCSV	180	
JQXSTART	0	
JQXSTOKN	2C	0
JQXVRAEN	50	
JQXVRALN	50	50
JQXWCT	84	0
JQXWRITE	54	0
JQXWTINS	68	0
JQXWTNIS	6C	0
JQX0AD	4	
JQX1AD	8	
JQX2AD	C	
JQX3AD	10	
JQX4AD	14	

IATYJSE Heading Information

Common Name: DJC Job Summary Element
Macro ID: IATYJSE
DSECT Name: JSESTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JSH
Offset: 0
Length: 4
Storage Attributes: Main Storage: JSESUBPL (subpool 8)
Auxiliary Storage: N/A
Subpool: JSESUBPL (subpool 8)
Key: 1
Residency: ANY
Size: 24 BYTES
Created by: IATDCNC - NCBTAAD routine
IATINST - STT Initialization
Pointed to by: JNJSEBUF in IATYJNT
JNJSECHN in IATYJNT
JSEHNEXT in IATYJSE
JSENEXT in IATYJSE
Serialization: NONE
Function: This macro is used to map the in-storage DJC Job Summary Buffers and Elements (JSEs). Each JSE buffer consists of multiple JSE entries. Each JSE entry contains summary information about a particular job in a DJC network.

IATYJSE Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JSEHSTRT	, DJC Job Summary Buffer Header
0	(0)	CHARACTER	4	JSEHID	Control Block Id
4	(4)	ADDRESS	4	JSEHNEXT	Address of next JSE buffer on the chain. This is a LIFO queue since we will only reference the JSE buffer header when we need to obtain a new JSE entry
8	(8)	SIGNED	4	JSEHTSIZ	Total size of this JSE buffer.
12	(C)	SIGNED	4	JSEHEND (0)	End of DJC Job Summary Buffer Header
12	(C)	X'C'	0	JSEHSIZE	"JSEHEND-JSEHSTRT" Size of DJC Job Summary Buffer Header
12	(C)	X'8'	0	JSESUBPL	"8" Subpool used for JSE buffer pools

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- JSECOUNT is used to determine the number of JSE entries that will appear in a JSE buffer. The number of JSE entries in a buffer is computed as: JSECOUNT JSE buffer number The number of JSE entries per buffer will increase as the number of JSE buffers increases. When we reach ten JSE buffers, subsequent buffers will have JSEBFMAX JSE entries. This allows us to slowly increase the amount of storage needed for the JSEs as the size of the DJC net increases. ----------
					End of Comment
12	(C)	X'A'	0	JSECOUNT	"10" JSE entry count multiplier
12	(C)	X'64'	0	JSEBFMAX	"100" Maximum number of JSE entries per buffer

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JSESTART	, DJC Job Summary Element
0	(0)	CHARACTER	4	JSEID	Control Block Id
4	(4)	ADDRESS	4	JSENEXT	Address of next JSE on the chain
					Comment
					The following information duplicates the information that is kept in the NCB out on spool. This information is duplicated in-storage in order to avoid having to read the NCB.
					End of Comment
8	(8)	CHARACTER	8	JSEJOBNM	Job name
16	(10)	SIGNED	4	JSEJOBNO	Binary job number
20	(14)	BITSTRING	1	JSEFLAG1	JSE Flag One
					Comment
					---------- Definition of JSEFLAG1 ----------
					End of Comment
		1...		JSERF180	"X'80'" Reserved flag
		.1..		JSERF140	"X'40'" Reserved flag
		..1.		JSERF120	"X'20'" Reserved flag
		...1		JSERF110	"X'10'" Reserved flag
		.... 1...		JSERF108	"X'08'" Reserved flag
		.... .1..		JSERF104	"X'04'" Reserved flag
		.... ..1.		JSERF102	"X'02'" Reserved flag
		1		JSERF101	"X'01'" Reserved flag
21	(15)	BITSTRING	1	JSEFLAG2	JSE Flag Two
					Comment
					---------- Definition of JSEFLAG2 ----------
					End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		JSERF280	"X'80'" Reserved flag
		.1..		JSERF240	"X'40'" Reserved flag
		..1.		JSERF220	"X'20'" Reserved flag
		...1		JSERF210	"X'10'" Reserved flag
		.... 1...		JSERF208	"X'08'" Reserved flag
		.... .1..		JSERF204	"X'04'" Reserved flag
		.... ..1.		JSERF202	"X'02'" Reserved flag
		1		JSERF201	"X'01'" Reserved flag

Comment

The following fields are contained only in storage
(i.e. they do not exist in the NCB).

End of Comment

22	(16)	SIGNED	2	JSENCBNO	The NCB buffer number of the NCB that contains the checkpointed information for this DJC job.
24	(18)	SIGNED	4	JSEEND (0)	End of DJC Job Summary Element
24	(18)	X'18'	0	JSESIZE	"JSEEND-JSESTART" Size of DJC Job Summary Element

IATYJSE Cross Reference

Name	Hex Offset	Hex Value
JSEBFMAX	C	64
JSECOUNT	C	A
JSEEND	18	
JSEFLAG1	14	0
JSEFLAG2	15	0
JSEHEND	C	
JSEHID	0	D1E2C840
JSEHNEXT	4	
JSEHSIZE	C	C
JSEHSTRT	0	
JSEHTSIZ	8	0
JSEID	0	D1E2C540
JSEJOBNM	8	40404040
JSEJOBNO	10	0
JSENCBNO	16	0
JSENEXT	4	
JSERF101	14	1
JSERF102	14	2
JSERF104	14	4
JSERF108	14	8
JSERF110	14	10
JSERF120	14	20
JSERF140	14	40
JSERF180	14	80
JSERF201	15	1
JSERF202	15	2
JSERF204	15	4
JSERF208	15	8
JSERF210	15	10
JSERF220	15	20
JSERF240	15	40
JSERF280	15	80
JSESIZE	18	18
JSESTART	0	
JSESUBPL	C	8

IATYJSQ Heading Information

Common Name: Job Select Queue Element
Macro ID: IATYJSQ
DSECT Name: JSQSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JSQ
Offset: 8
Length: 4
Storage Attributes: Main Storage: IATCNSV - JESPOOL,

IATMSMC - JESPOOL,

IATSIEM - Subpool 230,

IATSIJS - Subpool 230,

Within S.A. - Subpool 230
Auxiliary Storage: N/A
Key: JESKEY
Residency: Any (Below for IATSIJS)
Size: JSQEND-JSQSTART
Created by: IATSIJS, IATSIEM and IATCNSV
Pointed to by: - Data portion of a staging area
- Imbedded within the JSA
Serialization: None
Function: Contains MVS/GMS job processing characteristics (job select,job termination,job requeue,etc.)
Fields marked "In" are filled in by IATSIJS and sent to the global; fields marked "Out" are filled in by the global and returned to IATSIJS.

IATYJSQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	RABTKGRP	

Comment

```
-------------------------------------------------------------
RECORD ALLOCATION BLOCK LOGICAL TRACK GROUP ENTRY
-------------------------------------------------------------
```

End of Comment

0	(0)	SIGNED	2	RABRECCT	COUNT OF RECORDS THIS T.G.
2	(2)	BITSTRING	0	RABSPADR (0)	M.R OF LOGICAL TRACK GROUP
2	(2)	BITSTRING	2	RABSPMOD	M.R - EXTENT NUMBER
4	(4)	BITSTRING	1	RABSPREC	M.R - SPOOL RECORD NUMBER
4	(4)	X'8'	0	RABTGEND	"*" END OF TRACK GROUP
4	(4)	X'8'	0	RABTGSIZ	"RABTGEND-RABTKGRP" SIZE OF ONE TRK GRP

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IATYJSQ Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	RABSTART	

Comment

```
-----------------------------------------------------------
     USAM RECORD ALLOCATION BLOCK
-----------------------------------------------------------
```

End of Comment

0	(0)	CHARACTER	4	RABID	RAB DATA AREA IDENTIFIER
4	(4)	BITSTRING	1	RABFLAG1	RAB FLAG BYTE ONE

Comment

```
-----------------------------------------------------------
DEFINITION OF RABFLAG1
-----------------------------------------------------------
```

End of Comment

		1...		RABNAV	"X'80'" NO RECORDS AVAILABLE
		.1..		RABDSTRY	"X'40'" RAB HAS BEEN DESTROYED (XRABD)
		..1.		RABCLOSE	"X'20'" RAB HAS BEEN CLOSED (THIS FLAG IS A FOOTPRINT ONLY)
		...1		RABRERAP	"X'10'" RAB REFRESH REQUESTED BY- 0074 IATXRABP ROUTINE 0074
		.... 1...		RABDABND	"X'08'" RAB DESTROY ABEND OCCURRED
		.... .1..		RABDJBTR	"X'04'" A JBT HAS BEEN READ
5	(5)	BITSTRING	1	RABTRKG1	NO. TRKGRPS AVAIL (RABTGRPS)
6	(6)	BITSTRING	1	RABTRKG2	TRKGRPS SECONDARY ALLOC COUNT
7	(7)	BITSTRING	1	RABRSVD1	RESERVED FOR DEVELOPMENT
8	(8)	BITSTRING	6	RABTATAD	M.R OF JOB OR DS TAT
14	(E)	SIGNED	2	RABSPNDX	SPOOL PARTITION INDEX
16	(10)	SIGNED	4	RABGMAIN	SAVE AREA FOR GETMAINED STORE
		1...		RABRRERE	"X'80'" HIGH ORDER BIT OF RABGMAIN 0 - RRE OK 1 - RRE NOT AVAILABLE
20	(14)	SIGNED	4	RABPOSTQ	DSS'S WAITING FOR RECORDS
24	(18)	SIGNED	4	RABVALID	RECORD VALIDATION FIELD
28	(1C)	SIGNED	4	RABRRECB	ECB FOR RAB REFRESH.
		.1..		RABPPOST	"X'40'" POST FLAG FOR RABRRECB

Comment

```
-----------------------------------------------------------
     RAB TRACK GROUP ENTRIES
-----------------------------------------------------------
```

End of Comment

32	(20)	BITSTRING	0	RABALLGP (0)	RAB TRACK GROUP ENTRY AREA
32	(20)	BITSTRING	8	RABACTGP	ACTIVE TRACK GROUP ENTRY
40	(28)	BITSTRING	1	RABTGRPS (9)	AVAILABLE TRACK GROUP ENTRIES
40	(28)	X'70'	0	RABEND	"*" END OF RAB
40	(28)	X'70'	0	RABSIZE	"RABEND-RABSTART" SIZE OF RAB

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		IATYFDB FILE DESCRIPTION BLOCK THE FDB HAS BEEN PREVIOUSLY GENERATED IATYEQU JES3 STANDARD EQUATES JES3 STANDARD EQUATES 01 Change Activity: $SF= z1.4.0 HJS7707 020104 PD0PK: z 1.4.0 0 ---------- GENERAL EQUATES ----------			
				End of Comment	
40	(28)	X'0'	0	NOP	"0" NO OPERATION
40	(28)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
40	(28)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
40	(28)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE
40	(28)	X'C1'	0	CHARA	"C'A'" CHARACTER A
40	(28)	X'C6'	0	CHARF	"C'F'" CHARACTER F
40	(28)	X'6B'	0	CHARCMMA	"C','" CHARACTER COMMA
				Comment	
		---------- AFTER COMPARE INSTRUCTIONS ----------			
				End of Comment	
40	(28)	X'2'	0	GT	"2" A HIGH
40	(28)	X'4'	0	LT	"4" A LOW
40	(28)	X'7'	0	NE	"7" A NOT EQUAL B
40	(28)	X'8'	0	EQ	"8" A EQUAL B
40	(28)	X'B'	0	GE	"11" A NOT LOW
40	(28)	X'D'	0	LE	"13" A NOT HIGH
				Comment	
		---------- AFTER ARITHMETIC INSTRUCTIONS ----------			
				End of Comment	
40	(28)	X'1'	0	OV	"1" OVERFLOW
40	(28)	X'2'	0	PLUS	"2" PLUS
40	(28)	X'4'	0	MINUS	"4" MINUS
40	(28)	X'7'	0	NZERO	"7" NOT ZERO
40	(28)	X'8'	0	ZERO	"8" ZERO
40	(28)	X'8'	0	ZEROS	"8" ZERO
40	(28)	X'B'	0	NMINUS	"11" NOT MINUS
40	(28)	X'C'	0	NOV	"12" NOT OVERFLOW #0337
40	(28)	X'D'	0	NPLUS	"13" NOT PLUS
				Comment	
		---------- AFTER TEST UNDER MASK INSTRUCTIONS ----------			
				End of Comment	
40	(28)	X'1'	0	ALLON	"1" ALL ON
40	(28)	X'4'	0	MIXED	"4" MIXED
40	(28)	X'5'	0	NALLOFF	"5" ALLON+MIXED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
40	(28)	X'8'	0	ALLOFF	"8" ALL OFF
40	(28)	X'C'	0	NALLON	"12" ALLOFF+MIXED

Comment

AFTER TEST AND SET INSTRUCTION

End of Comment

40	(28)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
40	(28)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED

Comment

AFTER LOAD REAL ADDRESS INSTRUCTION.

End of Comment

40	(28)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
40	(28)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
40	(28)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
40	(28)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
40	(28)	X'1'	0	LENTHINV	"1" LENGTH INVALID

Comment

SYMBOLS USED FOR ACCESS REGISTER MODE

End of Comment

40	(28)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
40	(28)	X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF

Comment

Data Space Related Equates

End of Comment

		....		DSPCMXSZ	"X'80000000'" Maximum data space size (2 Gigabytes)

Comment

JES3 SYSTEM LIMITS

End of Comment

40	(28)	X'20'	0	J3MAXMP	"32" MAXIMUM NUMBER OF MAIN PROCESSORS IN A SINGLE JES3 COMPLEX

Comment

TRACE TABLE SIZES ARE SPECIFIED IN BYTES

End of Comment

40	(28)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
40	(28)	X'1E018'	0	J3NUCTRC	"122904" SIZE OF NUC PATH TRACE TABLE
40	(28)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
40	(28)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
40	(28)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
40	(28)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.
40	(28)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
40	(28)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.

Comment

The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes.

End of Comment

40	(28)	BITSTRING	0	MAXIMUM_JOB_NUMBER_MASK	"X'FFFF'" This mask is used to clear the high order bytes from a word after placing a compatible job number into the low order bytes using an ICM with a mask of B'0011'.
40	(28)	X'FFFF'	0	SPECIAL_JOB_XFFFF	"65535" As a compatible job number, indicates that the job number lives in a four byte field.
40	(28)	X'F423F'	0	UNLIMITED_DSP_COUNT	"999999" As a DSP count this value indicates an "unlimited" count.
40	(28)	BITSTRING	0	UNLIMITED_JOB_COUNT	"X'FFFFFFFF'" As a job count this value indicates an "unlimited" count such as a display count on certain commands with N=ALL.
40	(28)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
40	(28)	X'10'	0	JOB_NUMBER_SHIFT	"16" To load a compatible job number into the low order bytes of a fullword and clear the other bytes, it is possible to ICM the job number with a mask of B'1100' and then shift it to the right using this equate. This must be done instead of clearing the target register before the ICM in cases where the target register is also a base address; e.g.: ICM R2,B'1100',xxx(R2).

Comment

SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT

End of Comment

		....		EQUHOBON	"X'80000000'" HIGH ORDER BIT ON
40	(28)	BITSTRING	0	EQUHOBOF	"X'7FFFFFFF'" HIGH ORDER BIT OFF

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- SYMBOLS USED FOR SECURITY ----------
					End of Comment
40	(28)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN
40	(28)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
40	(28)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
40	(28)	X'F0'	0	SAFEXTSP	"240" SUBPOOL USED FOR RETURNING EXTRACTED INFORMATION FROM THE SECURITY PRODUCT
					Comment
					---------- Subpool shared between the IATINTK and IATNUC tasks. Storage that needs to be obtained by one task and freed by the other task should be obtained in this subpool. Subpool zero cannot be used since subpool zero is not shared between these tasks. ----------
					End of Comment
40	(28)	X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JSQSTART	
					Comment
					---------- NOTE: FIELDS JSQLNG AND JSQMPC MUST REMAIN AT THEIR RESPECTIVE OFFSETS FOR SSI PROCESSING. ----------
					End of Comment
0	(0)	SIGNED	2	JSQLNG	LENGTH OF JSQ
2	(2)	BITSTRING	1	JSQRSV1	Reserved
					Comment
					---------- Definition of JSQVER and version constants that are used to fill in both JSQVER and JSQOVER. ----------
					End of Comment
3	(3)	BITSTRING	1	JSQVER	In Version number
3	(3)	X'0'	0	JSQIVER	"0" Initial version number
3	(3)	X'1'	0	JSQVER01	"1" Version number for HJS6606
3	(3)	X'2'	0	JSQVER02	"2" Version number starting at HJS6608
3	(3)	X'3'	0	JSQVER03	"3" Version number starting at HJS7703
3	(3)	X'4'	0	JSQVER04	"4" Version number for HJS7705
3	(3)	X'4'	0	JSQCVER	"JSQVER04" Current version number
4	(4)	SIGNED	4	JSQMPC	ADDR ASSOCIATED MPC
8	(8)	CHARACTER	4	JSQID	- ID FOR VALIDITY CHK

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
12	(C)	SIGNED	4	JSQJSA	ADDR ASSOCIATED JSA 0260
16	(10)	BITSTRING	1	JSQFLG1	- JSQ POST
				Comment	

					DEFINITION OF BITS IN JSQFLG1 (JSQ POST)

				End of Comment	
		1...		JSQDSEL	"X'80'" - DEMAND SELECT
		.1..		JSQNSEL	"X'40'" - NORMAL SELECT
		..1.		JSQEOT	"X'20'" - END OF TASK
		...1		JSQEOJ	"X'10'" - END OF JOB
		.... 1...		JSQEOM	"X'08'" - END OF MEMORY
		.... .1..		JSQJREQ	"X'04'" - JOB REQUEUE
		.... ..1.		JSQSICF	"X'02'" S INIT CMD FAIL
		1		JSQTJSEL	"X'01'" EOM B4 SELECT RESPONSE RCVD
17	(11)	BITSTRING	1	JSQFLG2	- GMS FLAG
				Comment	

					DEFINITION OF BITS IN JSQFLG2

				End of Comment	
		1...		JSQSELC	"X'80'" THIS JSQ IN ERROR
		.1..		JSQJERR	"X'40'" - ERROR ON JOB INIT
		..1.		JSQPINIT	"X'20'" - STOP THIS INIT
		...1		JSQDJOB	"X'10'" - THIS IS A DEMAND SELECTED JOB
		.... 1...		JSQJRNL	"X'08'" - THIS JOB REQUIRES JOURNAL
		.... .1..		JSQRJPJB	"X'04'" THIS IS AN RJP JOB
		.... ..1.		JSQRESP	"X'02'" - RESPOND TO ACK
		1		JSQJINIT	"X'01'" THIS IS A JES3 INITIATOR
18	(12)	BITSTRING	1	JSQFLG3	- GMS FLAG
				Comment	

					DEFINITION OF BITS IN JSQFLG3

				End of Comment	
		1...		JSQSTAP	"X'80'" - PURGE THIS JSQ
		.1..		JSQINCR	"X'40'" - INCREMENT GMS COUNTERS
		..1.		JSQCIGMS	"X'20'" - JOB CANCL OR RESTART IN GMS
		...1		JSQFLUSH	"X'10'" - JOB FLUSHED OFF MAIN
		.... 1...		JSQITERM	"X'08'" UNSOLICITED INIT TERM
		.... .1..		JSQJRST	"X'04'" JOB WAS JES3 RESTARTED ON MAIN
		.... ..1.		JSQOPF	"X'02'" WTO FOR START CMD FAIL
		1		JSQGERR	"X'01'" CURRENT JSQ AT TIME OF ABEND
19	(13)	BITSTRING	1	JSQFLG4	- JOB REQUEUE FLAG
				Comment	

					DEFINITION OF BITS IN JSQFLG4 (JOB REQUEUE)

				End of Comment	
		1...		JSQSR	"X'80'" - STEP RESTART
		.1..		JSQCR	"X'40'" - CHECKPOINT RESTART
		..1.		JSQCN	"X'20'" - CONTINUE RESTART

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		...1		JSQJH	"X'10'" - PUT JOB IN HOLD
		.... 1...		JSQWARM	"X'08'" - WARMSTART JOB
20	(14)	BITSTRING	1	JSQFLG5	- 0368

Comment

DEFINITION OF BITS IN JSQFLG5 0

End of Comment

		1...		JSQUSRJB	"X'80'" - UNDEFINED USER FROM RACF 0368
		.1..		JSQNOJLG	"X'40'" JESMSGLG logging suppressed
		..1.		JSQWLMIN	"X'20'" In This is a WLM managed initiator
		...1		JSQDMBAT	"X'10'" In/Out Demand batch (result of the *F,J=xxxxx,RUN command)
		.... 1...		JSQLRL10	"X'08'" Locates done on JES3 R10 or up (SMS Unit Aff SSI supported)
		.... .1..		JSQF5R04	"X'04'" Reserved for IBM
		.... ..1.		JSQF5R02	"X'02'" Reserved for IBM
		1		JSQF5R01	"X'01'" Reserved for IBM
21	(15)	BITSTRING	1	JSQFLG6	Flag byte 6

Comment

DEFINITION OF BITS IN JSQFLG6

End of Comment

		1...		JSQJFAL	"X'80'" JOB FAILED INDICATOR
		.1..		JSQCFAL	"X'40'" JOB FAILED-CONDITIONS CODES
		..1.		JSQABND	"X'20'" JOB ABENDED (JCTABEND=ON)
		...1		JSQDESEL	"X'10'" In Deselect request
		.... 1...		JSQRSPDS	"X'08'" Out This JSQ is a response to an original job select that was overridden by a deselect and should be ignored
		.... .1..		JSQF6R04	"X'04'" Reserved for IBM
		.... ..1.		JSQF6R02	"X'02'" Reserved for IBM
		1		JSQF6R01	"X'01'" Reserved for IBM
22	(16)	BITSTRING	1	JSQJDF1	- EQ JDABFLG1
23	(17)	BITSTRING	1	JSQJDF2	- EQ JDABFLG2
24	(18)	BITSTRING	1	JSQJDF3	- EQ JDABFLG3
		.... 1...		JSQVRFY	"X'08'" EQ JDABVRFY - PASSWORD VERIFICATION NOT REQUIRED
		.... .1..		JSQENCP	"X'04'" PASSWORD IN ENCRYPTED FORM
25	(19)	BITSTRING	1	JSQJDF4	- EQ JDABFLG4
26	(1A)	BITSTRING	1	JSQLIMF	EQ JDABLIMF

Comment

THE DEFINITIONS OF THE FSS TYPES ARE IN IATYFSS.

End of Comment

27	(1B)	BITSTRING	1	JSQFSTYP	TYPE OF FUNCTIONAL SUBSYSTEM
28	(1C)	CHARACTER	8	JSQINIT	In Initiator task name; this value is also the job class group name
36	(24)	CHARACTER	8	JSQJNAME	Out Job name
44	(2C)	BITSTRING	8	JSQJDVT	- JDVT NAME
52	(34)	SIGNED	2	JSQSTMT	- LAST OUTPUT STMT NR
54	(36)	SIGNED	2	JSQWARNI	- WARNING INCRE PERCENTAGES CARDS, LINES, BYTES, PAGES
56	(38)	SIGNED	2	JSQSTEP	- JOB STEP (JOB REQUEUE)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
58	(3A)	BITSTRING	1	JSQNSTEP	NO. OF STEPS IN THIS JOB
59	(3B)	BITSTRING	1	JSQFLG7	FLAG 7
				Comment	

					DEFINITION OF BITS IN JSQFLG7

				End of Comment	
		1...		JSQJSAB	"X'80'" JSAB WAS CREATED
		.1..		JSQAPPC	"X'40'" REQUEST FOR APPC INITIATOR
60	(3C)	BITSTRING	1	JSQFLG8	FLAG 8
				Comment	

					DEFINITION OF BITS IN JSQFLG8

				End of Comment	
		1...		JSQTINIT	"X'80'" JES3 SHOULD RESTART THIS INITIATOR BEING TERMINATED BY THE SYSTEM
		.1..		JSQARMI	"X'40'" Notify ARM of job term
		..1.		JSQRF820	"X'20'" RESERVED FLAG
		...1		JSQRF810	"X'10'" RESERVED FLAG
		.... 1...		JSQRF808	"X'08'" RESERVED FLAG
		.... .1..		JSQRF804	"X'04'" RESERVED FLAG
		.... ..1.		JSQRF802	"X'02'" RESERVED FLAG
		1		JSQRF801	"X'01'" RESERVED FLAG
61	(3D)	ADDRESS	1	JSQOVER	Out Output version
62	(3E)	SIGNED	2	JSQRSVD1	RESERVED FOR DEVELOPMENT
64	(40)	SIGNED	4	JSQJCC	- JOB COMPLETION CODE
68	(44)	SIGNED	4	JSQACTL	- ACTUAL LINE COUNT
68	(44)	X'44'	0	JSQLNCDS	"JSQACTL,16" - LINES/CARDS ACTUALS/MAX
72	(48)	SIGNED	4	JSQACTC	- ACTUAL CARD COUNT
76	(4C)	SIGNED	4	JSQMAXL	- MAXIMUM LINE COUNT
80	(50)	SIGNED	4	JSQMAXC	- MAXIMUM CARD COUNT
84	(54)	SIGNED	4	JSQACTB	ACTUAL BYTE COUNT
84	(54)	X'54'	0	JSQBYPGS	"JSQACTB,16" BYTES/PAGES ACTUALS/MAX
88	(58)	SIGNED	4	JSQACTP	ACTUAL PAGE COUNT
92	(5C)	SIGNED	4	JSQMAXB	MAXIMUM BYTE COUNT
96	(60)	SIGNED	4	JSQMAXP	MAXIMUM PAGE COUNT
100	(64)	BITSTRING	8	JSQJBID	JES3 JOBID
108	(6C)	SIGNED	4	JSQCIERR	CI ERROR CODE (SAME AS RQCIERR) 4
112	(70)	BITSTRING	6	JSQSTRAC	- SPOOL ADDRESS FOR JESYSMSG
118	(76)	BITSTRING	6	JSQJTRAC	- SPOOL ADDRESS FOR JOURNAL
124	(7C)	BITSTRING	6	JSQBTRAC	- SPOOL ADDRESS FOR JCBLOCK
130	(82)	BITSTRING	1	JSQTRKG1	PRIMARY TRKGRP ALLOCATION
131	(83)	BITSTRING	1	JSQTRKG2	SECONDARY TRKGRP ALLOCATION
132	(84)	BITSTRING	6	JSQTTRAC	M.R OF FIRST JST
138	(8A)	BITSTRING	112	JSQRAB	RECORD ALLOC BLOCK 2
250	(FA)	BITSTRING	9	JSQCPWD (0)	CURRENT LENGTH/PASSWORD
250	(FA)	BITSTRING	1	JSQCPLN	CURRENT PASSWORD LENGTH
251	(FB)	BITSTRING	8	JSQCPAS	CURRENT PASSWORD
259	(103)	BITSTRING	9	JSQNPWD (0)	NEW LENGTH/PASSWORD
259	(103)	BITSTRING	1	JSQNPLN	NEW PASSWORD LENGTH
260	(104)	BITSTRING	8	JSQNPAS	NEW PASSWORD

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
---------- JSQSNAME and JSQCLPC get their values during the SSI part of job termination processing. These values will be put into JMRSNAME and JMRSCLPC during main service job termination proceesing. They will then become part of MSGIAT6108. ----------					
End of Comment					
250	(FA)	CHARACTER	8	JSQSNAME	The name of the failing job step if a PROC was not called. Otherwise, the name of the job step that called the failing PROC.
258	(102)	CHARACTER	8	JSQSCLPC	If a PROC was called, the name of the failing PROC step. Otherwise, blanks.
268	(10C)	CHARACTER	8	JSQCLASS	JES3 CLASS
276	(114)	BITSTRING	1	JSQJMR	JOB MGMT RECORD
276	(114)	X'124'	0	JSQNJMR	"JSQJMR+JMRCPUID-JMRDATA,JMRRDR-JMRCPUID"
332	(14C)	CHARACTER	8	JSQRACU	PROPAGATED USERID
340	(154)	CHARACTER	8	JSQRACG	PROPAGATED GROUPID
348	(15C)	SIGNED	4	JSQSYSCT	SYSMSG LINE COUNT
352	(160)	BITSTRING	80	JSQTOKEN	TOKEN
432	(1B0)	CHARACTER	8	JSQNODE	NODE
440	(1B8)	SIGNED	4	JSQDSCNT	DATA SET COUNT
Comment					

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
     Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT Name: IATYCNDB
      --based variable for storage mapping
```

```
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
     contains information related to the destination that
     messages should be sent to. This control block is built
     as commands are entered into to the system and is used by
     command processors as a destination for where to return
     messages to. The control block is imbeded in other
     control blocks and the size of the data area must not
     change (otherwise a JES3 cold start is required). The
     data is referenced by non-source maintained modules, so
     offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbeded within other control blocks
02 Serialization: none
01 EXTERNAL CLASSIFICATION: DMTI
01 END OF EXTERNAL CLASSIFICATION:
01 Distribution Library: AJES3MAC
01 Method Of access:
02 ASM: IATYCNDB
02 PLX: %INCLUDE SYSLIB(IATYCNDB)
01 CHANGE ACTIVITY:
   $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
   $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
    CASE/390 - VERSION 49
  END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
444	(1BC)	SIGNED	4	JSQCNDB (0)	IATYCNDB.27: based variable for storage mapping
444	(1BC)	SIGNED	4		Four byte console id 0176
448	(1C0)	CHARACTER	4		IATYCNDB eyecatcher
452	(1C4)	ADDRESS	4		IATYCNDB version
456	(1C8)	BITSTRING	8		Reserved for development
464	(1D0)	BITSTRING	8		Console Name 0176
472	(1D8)	BITSTRING	24		Reserved for development
496	(1F0)	SIGNED	2		Reserved for development
498	(1F2)	BITSTRING	40		Reserved for development
538	(21A)	SIGNED	2	JSQASID	Job's ASID
540	(21C)	CHARACTER	8	JSQJTOK (0)	Job token for ARM
540	(21C)	BITSTRING	8	JSQITOD	Job input or main service arrival time stamp

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Comment

					JSQ maximum completion code information, by design, matches the mapping in the network job trailer. Consult NJE Formats and Protocols before adding a new type.

					End of Comment
548	(224)	BITSTRING	4	JSQMAXRC (0)	--+ Maximum Job Return Code
548	(224)	BITSTRING	1	JSQMXIND	| Job completion indicator
549	(225)	BITSTRING	3	JSQMAXCC	--+ Completion code
					Comment

					The following information is present at HJS6608 and higher (JSQOVER>=2).

					End of Comment
552	(228)	SIGNED	4	JSQWISEQ	In Sequence number of a WLM initiator, for an explanation see SVTWISEQ
					Comment

					The following information is present at HJS6606 and higher (JSQOVER>=1).

					End of Comment
556	(22C)	CHARACTER	16	JSQSCHEN	Out Scheduling environment
					Comment

					The following information is present at HJS6608 and higher (JSQOVER>=2).

					End of Comment
572	(23C)	CHARACTER	8	JSQSRVCL	In/Out Service class When selection is called by a WLM managed initiator this field contains the service class. It is updated by IATMSMS to contain the service class of the job as determined during classification even if the initiator is JES managed.
580	(244)	CHARACTER	8	JSQNETNM	Out DJC net name
588	(24C)	SIGNED	4	JSQWLMCT	Out WLM classification token
					Comment

					The following information is present at HJS7703 and higher (JSQOVER>=3).

					End of Comment
592	(250)	BITSTRING	4	JSQSRMTK	Out WLM supplied SRM token

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- The following information is present at HJS6608 and higher (JSQOVER>=2). ----------
					End of Comment
596	(254)	SIGNED	4	JSQRHLD	Out Duration job was ineligible due to being held. ** Note ** This is not the duration the job was in a JES3 hold. It is the sum of operational delay and JES scheduling delay. The terminology "held" is used here as it is used by WLM.
600	(258)	SIGNED	4	JSQRRSC	Out Duration job was ineligible for selection due to unsatisfied resource requirements
604	(25C)	SIGNED	4	JSQRTOC	Out Duration job was in CI
608	(260)	ADDRESS	1	JSQPRTY	Out Job priority used for classification
609	(261)	BITSTRING	1	JSQOFLG1	Out Flags
		1...		JSQSRVCH	"X'80'" Service class for job was changed
		.1..		JSQSJBRQ	"X'40'" Selected job was requeued for execution
		..1.		JSQO1R20	"X'20'" Reserved for IBM
		...1		JSQO1R10	"X'10'" Reserved for IBM
		.... 1...		JSQO1R08	"X'08'" Reserved for IBM
		.... .1..		JSQO1R04	"X'04'" Reserved for IBM
		.... ..1.		JSQO1R02	"X'02'" Reserved for IBM
		1		JSQO1R01	"X'01'" Reserved for IBM
610	(262)	BITSTRING	22	JSQRSVD2	Reserved for IBM
					Comment
					---------- The following fields are present at HJS7705 and 0 higher (JSQOVER>=4). ----------
					End of Comment
632	(278)	BITSTRING	8	JSQMTRAC	- Spool address for JESMSG
640	(280)	SIGNED	4	JSQJMLCT	JESMSGLG line count
644	(284)	SIGNED	4	JSQJMBCT	JESMSGLG byte count
648	(288)	SIGNED	4	JSQSMBCT	JESYSMSG byte count
652	(28C)	SIGNED	4	JSQMJDSN	JESMSGLG JDS NOTE information
656	(290)	SIGNED	4	JSQSJDSN	JESYSMSG JDS NOTE information
660	(294)	SIGNED	4	JSQSPVLU	JESMSGLG & JESYSMSG spinoff value (see JSQSPFLG)
664	(298)	BITSTRING	1	JSQSPFLG	JESMSGLG & JESYSMSG spinoff flag byte
					Comment
					---------- Definition of JSQSPFLG NOTE: Flag JSQSPFLG must be defined identical to MEMSPFLG and RQSPFLG. ----------
					End of Comment
		1...		JSQSPIN	"X'80'" Job is eligible to SPINOFF JESMSGLG and JESYSMSG ds
		.1..		JSQSTIMI	"X'40'" SPINOFF by time interval (in seconds)
		..1.		JSQSTIMD	"X'20'" SPINOFF by TOD (in sec)
		...1		JSQSLINE	"X'10'" SPINOFF by line interval
		.... 1...		JSQNOSPN	"X'08'" NOSPIN specified
		.... .1..		JSQSUPRS	"X'04'" SUPPRESS specified
		.... ..1.		JSQSPF02	"X'02'" Reserved for IBM
		1		JSQSPF01	"X'01'" Reserved for IBM
665	(299)	BITSTRING	3	JSQRSVD3	Reserved for IBM

IATYJSQ Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
668	(29C)	BITSTRING	112	JSQJMRAB	JESMSGLG Record Alloc Block
780	(30C)	BITSTRING	112	JSQSMRAB	JESYSMSG Record Alloc Block
892	(37C)	BITSTRING	24	JSQRSVD4	Reserved for IBM
892	(37C)	X'394'	0	JSQEND	"*"

IATYJSQ Cross Reference

Name	Hex Offset	Hex Value
ACTIVE_LIMIT	28	FFFF
ALLOFF	28	8
ALLON	28	1
ALWAYS	28	F
ARMODOFF	28	0
ARMODON	28	200
CHARA	28	C1
CHARCMMA	28	6B
CHARF	28	C6
CHARNINE	28	F9
CHARZERO	28	F0
DSPCMXSZ	28	0
EQ	28	8
EQUHOBOF	28	FFFFFF
EQUHOBON	28	0
FF	28	FF
GE	28	B
GT	28	2
INREAL	28	8
INTK_SHARED_SUBPOOL	28	9
JOB_NUMBER_SHIFT	28	10
JSQABND	15	20
JSQACTB	54	0
JSQACTC	48	0
JSQACTL	44	0
JSQACTP	58	0
JSQAPPC	3B	40
JSQARMI	3C	40
JSQASID	21A	0
JSQBTRAC	7C	0
JSQBYPGS	54	54
JSQCFAL	15	40
JSQCIERR	6C	0
JSQCIGMS	12	20
JSQCLASS	10C	
JSQCN	13	20
JSQCNDB	1BC	
JSQCPAS	FB	
JSQCPLN	FA	
JSQCPWD	FA	
JSQCR	13	40
JSQCVER	3	4
JSQDESEL	15	10
JSQDJOB	11	10
JSQDMBAT	14	10
JSQDSCNT	1B8	
JSQDSEL	10	80
JSQENCP	18	4
JSQEND	37C	394
JSQEOJ	10	10
JSQEOM	10	8
JSQEOT	10	20
JSQFLG1	10	0
JSQFLG2	11	0
JSQFLG3	12	0
JSQFLG4	13	0
JSQFLG5	14	0
JSQFLG6	15	0
JSQFLG7	3B	0
JSQFLG8	3C	0
JSQFLUSH	12	10
JSQFSTYP	1B	0
JSQF5R01	14	1
JSQF5R02	14	2
JSQF5R04	14	4
JSQF6R01	15	1
JSQF6R02	15	2
JSQF6R04	15	4
JSQGERR	12	1
JSQID	8	D1E2D840
JSQINCR	12	40
JSQINIT	1C	F0F04040
JSQITERM	12	8
JSQITOD	21C	0
JSQIVER	3	0
JSQJBID	64	0
JSQJCC	40	0
JSQJDF1	16	0
JSQJDF2	17	0
JSQJDF3	18	0
JSQJDF4	19	0
JSQJDVT	2C	0
JSQJERR	11	40
JSQJFAL	15	80
JSQJH	13	10
JSQJINIT	11	1
JSQJMBCT	284	0
JSQJMLCT	280	0
JSQJMR	114	0
JSQJMRAB	29C	0
JSQJNAME	24	F0F04040
JSQJREQ	10	4
JSQJRNL	11	8
JSQJRST	12	4
JSQJSA	C	0
JSQJSAB	3B	80
JSQJTOK	21C	
JSQJTRAC	76	0
JSQLIMF	1A	0
JSQLNCDS	44	44
JSQLNG	0	0
JSQLRL10	14	8
JSQMAXB	5C	0
JSQMAXC	50	0
JSQMAXCC	225	
JSQMAXL	4C	0
JSQMAXP	60	0
JSQMAXRC	224	

Name	Hex Offset	Hex Value
JSQMJDSN	28C	0
JSQMPC	4	0
JSQMTRAC	278	0
JSQMXIND	224	
JSQNETNM	244	
JSQNJMR	114	124
JSQNODE	1B0	
JSQNOJLG	14	40
JSQNOSPN	298	8
JSQNPAS	104	
JSQNPLN	103	
JSQNPWD	103	
JSQNSEL	10	40
JSQNSTEP	3A	0
JSQOFLG1	261	
JSQOPF	12	2
JSQOVER	3D	
JSQO1R01	261	1
JSQO1R02	261	2
JSQO1R04	261	4
JSQO1R08	261	8
JSQO1R10	261	10
JSQO1R20	261	20
JSQPINIT	11	20
JSQPRTY	260	
JSQRAB	8A	0
JSQRACG	154	
JSQRACU	14C	
JSQRESP	11	2
JSQRF801	3C	1
JSQRF802	3C	2
JSQRF804	3C	4
JSQRF808	3C	8
JSQRF810	3C	10
JSQRF820	3C	20
JSQRHLD	254	
JSQRJPJB	11	4
JSQRRSC	258	
JSQRSPDS	15	8
JSQRSVD1	3E	
JSQRSVD2	262	
JSQRSVD3	299	
JSQRSVD4	37C	
JSQRSV1	2	0
JSQRTOC	25C	
JSQSCHEN	22C	
JSQSCLPC	102	40404040
JSQSELC	11	80
JSQSICF	10	2
JSQSJBRQ	261	40
JSQSJDSN	290	0
JSQSLINE	298	10
JSQSMBCT	288	0
JSQSMRAB	30C	0
JSQSNAME	FA	40404040
JSQSPFLG	298	
JSQSPF01	298	1
JSQSPF02	298	2
JSQSPIN	298	80
JSQSPVLU	294	0
JSQSR	13	80
JSQSRMTK	250	
JSQSRVCH	261	80
JSQSRVCL	23C	
JSQSTAP	12	80

Name	Hex Offset	Hex Value
JSQSTART	0	
JSQSTEP	38	0
JSQSTIMD	298	20
JSQSTIMI	298	40
JSQSTMT	34	0
JSQSTRAC	70	0
JSQSUPRS	298	4
JSQSYSCT	15C	0
JSQTINIT	3C	80
JSQTJSEL	10	1
JSQTOKEN	160	
JSQTRKG1	82	1
JSQTRKG2	83	2
JSQTTRAC	84	0
JSQUSRJB	14	80
JSQVER	3	0
JSQVER01	3	1
JSQVER02	3	2
JSQVER03	3	3
JSQVER04	3	4
JSQVRFY	18	8
JSQWARM	13	8
JSQWARNI	36	0
JSQWISEQ	228	
JSQWLMCT	24C	
JSQWLMIN	14	20
J3AUXTRC	28	F018
J3MAXMP	28	20
J3NUCTRC	28	1E018
J3TRCMAX	28	3FF
J3TRCSZ	28	21000
LE	28	D
LENTHINV	28	1
LOCKED	28	4
LT	28	4
MAXIMUM_COMPATIBLE_JOB	28	FFFE
MAXIMUM_JOB_NUMBER_ALLOWED	28	F423F
MAXIMUM_JOB_NUMBER_MASK	28	FFFF
MAXIMUM_JOBS_IN_DJC_NET	28	7FFF
MINUS	28	4
MIXED	28	4
NALLOFF	28	5
NALLON	28	C
NE	28	7
NMINUS	28	B
NOP	28	0
NOTIREAL	28	7
NOV	28	C
NPLUS	28	D
NZERO	28	7
OV	28	1
PAGTBINV	28	2
PLUS	28	2
RABACTGP	20	
RABALLGP	20	
RABCLOSE	4	20
RABDABND	4	8
RABDJBTR	4	4
RABDSTRY	4	40
RABEND	28	70
RABFLAG1	4	

IATYJSQ Cross Reference

Name	Hex Offset	Hex Value
RABGMAIN	10	
RABID	0	
RABNAV	4	80
RABPOSTQ	14	
RABPPOST	1C	40
RABRECCT	0	
RABRERAP	4	10
RABRRECB	1C	
RABRRERE	10	80
RABRSVD1	7	
RABSIZE	28	70
RABSPADR	2	
RABSPMOD	2	
RABSPNDX	E	
RABSPREC	4	
RABSTART	0	
RABTATAD	8	
RABTGEND	4	8
RABTGRPS	28	
RABTGSIZ	4	8
RABTKGRP	0	
RABTRKG1	5	
RABTRKG2	6	
RABVALID	18	
SAFEXTSP	28	F0
SAFMSGSP	28	F0
SECTKNLN	28	50
SEGTBINV	28	4
SPECIAL_JOB_XFFFF	28	FFFF
TKNMAPLN	28	50
UNLIMITED_DSP_COUNT	28	F423F
UNLIMITED_JOB_COUNT	28	FFFFFF
UNLIMITED_JOB_COUNT2	28	FFFF
UNLOCKED	28	8
ZERO	28	8
ZEROS	28	8

IATYJST Programming Interface information

Programming Interface information

IATYJST

End of Programming Interface information

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IATYJST Heading Information

Common Name: JOB SUMMARY TABLE
Macro ID: IATYJST
DSECT Name: JSTSTART, JSTENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JST (JSTSTART)
Offset: 8
Length: 4
Storage Attributes: Main Storage: JSAM and USAM Buffers
Auxiliary Storage: JES3 SPOOL
Size: JSTSTART - JSTFSIZ
JSTENTRY - JSTVSIZ
Created by: IATIIP1

IATIIDY (DYNAMIC ALLOCATION)

IATIIP0 (CATALOG JST)

IATISJB (SKELETON FIRST BUFFER)

IATMDMO (MDS MOUNT JOBS)

IATMDSB (DEVICE FENCE JOBS)
Pointed to by: RQJSTFDB in IATYRSQ
JCTSUFDB in IATYJCT
Serialization: None
Function: DESCRIBES JOB UNIT, VOLUME, AND DATA SET REQUIREMENTS

IATYJST Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JSTSTART	
0	(0)	BITSTRING	6	JSTTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JSTCNT	USER COUNT.
8	(8)	CHARACTER	4	JSTID	FILE ID.
12	(C)	BITSTRING	12	JSTCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JSTVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JSTDATA (0)	START OF USER DATA AREA.
28	(1C)	CHARACTER	8	JSTJBNAM	JOB NAME
36	(24)	CHARACTER	8	JSTMPNAM	NAME OF MAIN WHERE JOB SETUP
44	(2C)	SIGNED	4	JSTMAINF	JOB ELIGIBILITY AFTER FETCH
48	(30)	SIGNED	4	JSTMAINV	JOB ELIGIBILITY AFTER VERFY
52	(34)	SIGNED	4	JSTVUMPC	CURRENT HOST ALLOCATION MASK
56	(38)	SIGNED	2	JSTDYCNT	NO. OF DYNAMIC ALLOC REQSTS

Comment

JST25SMF MUST HAVE 2,4 ALIGNMENT

End of Comment

58	(3A)	SIGNED	2	JST25SMF (0)	START OF MDS SMF TYP 25 DATA
58	(3A)	BITSTRING	1	JST25FG1	JST25FG1 SMF FLAG 1 OF 2
		1...		JST25DYA	"X'80'" DYNAMIC ALLOCATION JST
		.1..		JST25CAT	"X'40'" CATALOG ALLOCATION JST
		..1.		JST25ATO	"X'20'" AUTO ALLOC TIME JST FETCHED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
59	(3B)	BITSTRING	1	JST25FG2	JST25FG2 SMF FLAG 2 OF 2
60	(3C)	BITSTRING	4	JST25NTF	NUMBER OF TAPES FETCHED
64	(40)	BITSTRING	4	JST25NDF	NUMBER OF DISK VOLUMES FETCH
68	(44)	BITSTRING	4	JST25FST	TOD FETCH START
72	(48)		4	JST25FSD	DATE FETCH START
76	(4C)	BITSTRING	4	JST25SST	TOD *S,S ISSUED (0 IF AL=A)
80	(50)		4	JST25SSD	DATE *S,S ISSUED (0 IF AL=A)
84	(54)	BITSTRING	4	JST25NTM	NUMBER OF TAPES MOUNTED
88	(58)	BITSTRING	4	JST25NDM	NMBR OF DISK VOLUMES MOUNTED
92	(5C)	BITSTRING	4	JST25NMV	NUMBER OF MSS VOLUMES REQ'D
96	(60)	BITSTRING	4	JST25MST	TOD FIRST MOUNT MSG ISSUED
100	(64)		4	JST25MSD	DATE FIRST MOUNT MSG ISSUED
104	(68)	BITSTRING	4	JST25VVT	TOD JOB VERIFIED
108	(6C)		4	JST25VVD	DATE JOB VERIFIED
108	(6C)	X'70'	0	JST25END	"*" END OF MDS SMF DATA
112	(70)	BITSTRING	0	JST25SIZ (0)	SIZE OF MDS SMF DATA
112	(70)	BITSTRING	12	JSTPARM	FDB OF PARAMETER BUFFER 1
124	(7C)	BITSTRING	12	JSTCATFD	CATALOG SETUP FDB 1
136	(88)	BITSTRING	12	JSTJVTFD	JVT FDB
148	(94)	BITSTRING	12	JSTTRSV1	0633
160	(A0)	BITSTRING	1	JSTIDD	INTERPRETER LIFE OF WORK FDB
160	(A0)	X'A0'	0	JSTFNCJB	"JSTIDD,4" 4-byte device fence job number; overlays JSTIDD for device fence jobs only
172	(AC)	BITSTRING	12	JSTDCHN	1ST DJST CHECKPOINT ANCHOR. COPIED TO RYDYJFDB FOR USE DURING THE FIRST FASTPATH DYNAMIC ALLOCATION REQUEST. ALSO REFERENCE JSTPDJST.
184	(B8)	SIGNED	2	JSTFIXL	SIZE OF JST SUM HDR FIXED
186	(BA)	SIGNED	2	JSTHSTN	HIGH STEP NO. IN THIS BUFFER
188	(BC)	SIGNED	2	JST1STP	REL. NMBR OF 1ST STEP ENTRY
190	(BE)	SIGNED	2	JSTLOWE	LOW ENTRY NUMBER 2
192	(C0)	SIGNED	2	JSTHIGHE	HIGH ENTRY NUMBER
192	(C0)	X'C0'	0	JSTFNCJC	"JSTHIGHE,2" Compatible with JSTFNCJB - see IATXJBNO macro; overlays JSHIHE for device dence jobs only
194	(C2)	BITSTRING	1	JSTMAIN	ID OF MAIN WHERE JOB SETUP
195	(C3)	BITSTRING	1	JSTHFLG1	JSTHFLG1 JST HEADER FLAG1
		1...		JSTFETCH	"X'80'" FETCH PROCESSING COMPLETE
		.1..		JSTALLOC	"X'40'" IF ALLOC=M, START SETUP DONE
		..1.		JSTMOUNT	"X'20'" MOUNT MSGS HAVE BEEN ISSUED
		...1		JSTVRFYD	"X'10'" VERIFY PROCESSING COMPLETE
		.... 1...		JSTBRKDN	"X'08'" SETUP PROCESSING COMPLETE
		.... .1..		JSTRH104	"X'04'" RESERVED FLAG
		.... ..1.		JSTRH102	"X'02'" RESERVED FLAG
		1		JSTRH101	"X'01'" RESERVED FLAG
196	(C4)	BITSTRING	1	JSTHFLG2	JSTHFLG2 JST HEADER FLAG2
		1...		JSTMSSRF	"X'80'" JOB REFERENCES MSS VUA'S
		.1..		JSTHINCL	"X'40'" JOB INCL IN MDS DPTH CT
		..1.		JSTDYACT	"X'20'" ACTIVE DYNALLOC IN THIS JST
		...1		JSTMSSIN	"X'10'" JOB CONTAINS 'INVISIBLE' MSVGP REFERENCES
		.... 1...		JSTPDJST	"X'08'" DJST IS EMPTY(PREALLOCATED) DJST TRACK GROUPS HAVE BEEN ALLOCATED BY INPUT SERVICE (JSTDCHN) BUT THE DJST HAS NOT BEEN INITIALIZED.
		.... .1..		JSTJRSMS	"X'04'" JOB REQUIRES SMS RESOURCES (SET WHEN THERE IS A JST ENTRY THAT CONTAINS AN SMS MANAGED DATASET)
		.... ..1.		JSTCNSMS	"X'02'" SMS WAS INACTIVE AT THE 0483 TIME C/I PROCESSING WAS 0483 PERFORMED 0483
		1		JSTDMDAL	"X'01'" JOB CONTAINS AT LEAST ONE DEMAND ALLOCATION REQUEST
197	(C5)	BITSTRING	1	JSTHFLG3	JSTHFLG3 JST HEADER FLAG3
		1...		JSTSNONE	"X'80'" SETUP = NONE
		.1..		JSTSIHWS	"X'40'" SETUP = IHWS
		..1.		JSTSJOB	"X'20'" SETUP = JOB
		...1		JSTSUSER	"X'10'" SETUP = USER OVERRIDES
		.... 1...		JSTFNONE	"X'08'" FETCH = NONE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		JSTFSET	"X'04'" FETCH = SETUP
		.... ..1.		JSTFALL	"X'02'" FETCH = ALL
		1		JSTFUSER	"X'01'" FETCH = USER OVERRIDES
198	(C6)	BITSTRING	1	JSTHFLG4	JSTHFLG4 JST HEADER FLAG4
		1...		JSTHWALL	"X'80'" HWS ALL UNITS
		.1..		JSTHWTAP	"X'40'" HWS TAPE UNITS
		..1.		JSTHWDSK	"X'20'" HWS DISK UNITS
		...1		JSTRH410	"X'10'" RESERVED FLAG
		.... 1...		JSTNOXP	"X'08'" NO EXPIRATION DATE CHECK
		.... .1..		JSTHWMSS	"X'04'" MSS HIGH WATERMARK SPECIFIED
		.... ..1.		JSTSDGNM	"X'02'" HONOR SDGXX UNITNAME
		1		JSTNORNG	"X'01'" BYPASS RING CHECK FOR JOB
199	(C7)	BITSTRING	1	JSTVERSN	VERSION NUMBER OF JST

Comment

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      DEFINITION OF JSTVERSN
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End of Comment

199	(C7)	X'2'	0	JSTCURR	"JSTSP421" VERSION NUMBER FOR THIS REL 0658
199	(C7)	X'1'	0	JSTSP312	"1" VERSION INDICATOR FOR SP312
199	(C7)	X'2'	0	JSTSP421	"2" VERSION INDICATOR FOR SP421 0658
200	(C8)	SIGNED	4	JSTRVCHN	REVERSE JST CHAIN
204	(CC)	SIGNED	4	JSTHUSER	RESERVED FOR USER
208	(D0)	SIGNED	4	JSTFEND (0)	END OF JST TABLE HEADER
208	(D0)	BITSTRING	1	JSTFSIZ (0)	FIXED SIZE OF JST HEADER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JSTENTRY	
0	(0)	SIGNED	2	JSTVARL	SIZE OF THIS JST ENTRY
2	(2)	BITSTRING	1	JSTENTID	JSTENTID STEP ENTRY ID
2	(2)	X'0'	0	JSTNULL	"0" NULL ENTRY
2	(2)	X'4'	0	JSTSTEP	"4" STEP ENTRY
2	(2)	X'8'	0	JSTDD	"8" DD ENTRY
2	(2)	X'10'	0	JSTULIST	"16" UNITNAME LIST ENTRY
		1111 .111		JSTEOB	"X'F7'" END OF BUFFER
		1111 1111		JSTEOF	"X'FF'" END OF ENTIRE JST
3	(3)	BITSTRING	1	JSTSTPNO	STEP NUMBER
4	(4)	SIGNED	4	JSTSCT (0)	SWA ADDR/TTR OF SCT
4	(4)	SIGNED	4	JSTVOLT	SWA ADDR/TTR OF VOLT
8	(8)	BITSTRING	12	JSTFDDYN	FDB OF DYNAMIC ALLOC BUFFER
20	(14)	SIGNED	2		ALIGN TO FULLWORD
22	(16)	SIGNED	2	JSTSNXT	REL. NMBR OF NEXT STEP
24	(18)	SIGNED	2	JSTHWTOP	REL. NO. OF HWATER CHN START
26	(1A)	SIGNED	2	JSTSCURR	REL. NO. OF THIS JST ENTRY
28	(1C)	CHARACTER	8	JSTSTNM	STEP NAME
36	(24)	CHARACTER	8	JSTPRNM	PROC STEP NAME
44	(2C)	BITSTRING	1	JSTSFLG1	JSTSFLG1 JST STEP FLAG1

Comment

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      DEFINITION OF JSTSFLG1.
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End of Comment

		1...		JSTSMULT	"X'80'" MULTIPLE UNIT ALLOC EXISTS
		.1..		JSTDSSTK	"X'40'" THE SMS DATA SET STACKING EXIT WAS INVOKED FOR THIS STEP.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
45	(2D)	BITSTRING	1	JSTRSVD3	RESERVED FOR DEVELOPMENT
46	(2E)	SIGNED	2	JSTDDR	SYSSYSX OF DEVICE IN DDR
48	(30)	SIGNED	4	JSTSMSAV	SMS AVAILABILITY MAIN MASK
52	(34)	SIGNED	4	JSTSMSCN	SMS CONNECTIVITY MAIN MASK
56	(38)	SIGNED	4	JSTRSVDS	RESERVED FOR SERVICE
60	(3C)	SIGNED	4	JSTSTUSR (6)	RESERVED FOR USER
84	(54)	BITSTRING	12	JSTSWRK1	MDS WORK AREA
96	(60)	BITSTRING	8	JSTSMSTK	SMS RESOURCE STATUS TOKEN
104	(68)	BITSTRING	12	JSTFRFDB	FDB OF REUSE JST CHAIN
116	(74)	SIGNED	4	JSTSEND (0)	END OF STEP SUMMARY ENTRY
116	(74)	BITSTRING	1	JSTSSIZ (0)	SIZE OF ENTRY

Comment

JST DD ENTRY

End of Comment

0	(0)	SIGNED	2		ENTRY SIZE (JSTVARL)
2	(2)	BITSTRING	1		DD ENTRY ID (JSTENTID)
3	(3)	CHARACTER	1	JSTLABEL	A=AL,B=BLP,N=NL,S=SL,X=NSL
4	(4)	SIGNED	4	JSTDSNAD	MDS DSNAME ENTRY ADDRESS
8	(8)	SIGNED	4	JSTSETAD	ALLOCATION SETUNIT ENTRY ADDRESS
12	(C)	SIGNED	4	JSTVOLAD	WORKAREA VOLUME ENTRY ADDRESS
16	(10)	BITSTRING	1	JSTJVTX (0)	FIRST JVT ENTRY

Comment

IATYJVT TYPE=JST
JOB VOLUME TABLE RECORD
01 CHANGE ACTIVITY:
$SF= z1.4.0 HJS7707 020205 PD0TN: z 1.4.0 0

End of Comment

16	(10)	BITSTRING	6	JSTVOLID (0)	VOLUME SERIAL NUMBER
16	(10)	BITSTRING	2		Compatible with &VTJNUM - see IATXJBNO macro
18	(12)	BITSTRING	2		JST ID
20	(14)	BITSTRING	2		JVT ID
22	(16)	BITSTRING	1		STEP NUMBER
23	(17)	BITSTRING	1		REL. VOL. POS. IN DD
24	(18)	BITSTRING	2		PTR TO JST ENTRY
26	(1A)	BITSTRING	2		Reserved for IBM
28	(1C)	SIGNED	4		Binary job number
32	(20)	BITSTRING	1		JVTFLAG1 ENTRY FLAG BYTE 1
33	(21)	BITSTRING	1		JVTFLAG2 ENTRY FLAG BYTE 2
34	(22)	BITSTRING	1		JVTFLAG3 ENTRY FLAG BYTE 3
36	(24)	SIGNED	4		RESERVED FOR SERVICE
40	(28)	SIGNED	4	(0)	END OF JVT ENTRY END OF JVT GENERATION
40	(28)	BITSTRING	24	JSTTRSV2	RESERVED FOR DEVELOPMENT 0633
64	(40)	BITSTRING	1	JSTDRSV1	RESERVED FOR SERVICE 2604
65	(41)	BITSTRING	1	JSTMSERR	JSTMSERR IATMDMS DM450 ERROR CODE

Comment

MDMSSDEL ERROR CODES

End of Comment

65	(41)	X'4'	0	JSTMSJST	"4" JST SETVOL POINTER ZERO
65	(41)	X'5'	0	JSTMSVLM	"5" SETVOL SVX POINTER ZERO
65	(41)	X'6'	0	JSTMSHX1	"6" SVXHUSCT NEGATIVE
65	(41)	X'7'	0	JSTMSSVX	"7" SVXUSCT NEGATIVE
65	(41)	X'8'	0	JSTMSMSU	"8" MSUVUALC NEGATIVE
65	(41)	X'9'	0	JSTMSPAT	"9" PATVUALC NEGATIVE
65	(41)	X'A'	0	JSTMSSDG	"10" SDGVUALC NEGATIVE
65	(41)	X'B'	0	JSTMSHX2	"11" SVXUSCT NEGATIVE ON SWITCH TO HOXL

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
66	(42)	SIGNED	2	JSTJVT	REL ENTRY NO. IN JVT
68	(44)	SIGNED	2	JSTTRSV3	RESERVED FOR DEVELOPMENT 0633
72	(48)	DBL WORD	8	(0)	
72	(48)	CHARACTER	8	JSTTYPE	DEVICE TYPE FROM UNIT PARM
80	(50)	CHARACTER	8	JSTDDNM	DD NAME
88	(58)	SIGNED	2	JSTRPN	RELATIVE POSITION NUMBER
90	(5A)	SIGNED	2	JSTDEV	DEVICE ASSIGNED BY MDS
90	(5A)	X'5B'	0	JSTSDG	"JSTDEV+1,1" ASSIGNED MSS SDG
92	(5C)	BITSTRING	1	JSTDFLG1	JSTDFLG1 FLAG 1

Comment

DEFINITION OF JSTDFLG1.

End of Comment

		1...		JSTTA	"X'80'" TAPE DEVICE
		.1..		JSTDA	"X'40'" DIRECT ACCESS DEVICE
		..1.		JSTUR	"X'20'" UNIT RECORD DEVICE
		...1		JSTGR	"X'10'" GRAPHIC DEVICE
		.... 1...		JSTMS	"X'08'" MSS VIRTUAL DEVICE
93	(5D)	BITSTRING	1	JSTDFLG2	JSTDFLG2 FLAG 2

Comment

DEFINITION OF JSTDFLG2.

End of Comment

		1...		JSTOLD	"X'80'" DISP=OLD
		.1..		JSTNEW	"X'40'" DISP=NEW
		..1.		JSTSHR	"X'20'" DISP=SHR
		...1		JSTMOD	"X'10'" DISP=MOD
		.... 1...		JSTDEFER	"X'08'" UNIT=(,,DEFER) SPECIFIED
		.... .1..		JSTRING	"X'04'" RING REQUIRED FOR TAPE
		.... ..1.		JSTSMS	"X'02'" DATASET IS SMS MANAGED (NOTE: THE JSTSMS FLAG APPLIES ONLY TO SMS DASD.)
		1		JSTMULTI	"X'01'" MULTI ALOC TO SERIAL DEV
94	(5E)	BITSTRING	1	JSTDFLG3	JSTDFLG3 FLAG 3

Comment

DEFINITION OF JSTDFLG3.

End of Comment

		1...		JSTVOLFD	"X'80'" VOLUME FOUND IN SYSUNITS
		.1..		JSTDMD	"X'40'" DEMAND ALLOCATION
		..1.		JSTSCR	"X'20'" SCRATCH VOLUME REQUIRED
		...1		JSTNOMNT	"X'10'" NO VOLUME PREMOUNT REQUIRED
		.... 1...		JSTNODEV	"X'08'" NO UNIQUE DEVICE REQUIRED
		.... .1..		JSTMNTD	"X'04'" REQ'D VOLUME MNTD ON DEVICE
		.... ..1.		JSTVLEXC	"X'02'" VOLS USED ON DEV NON SHRABLE
		1		JSTPREUS	"X'01'" PREVIOUS DEVICE USE IN STEP
95	(5F)	BITSTRING	1	JSTDFLG4	JSTDFLG4 FLAG 4

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- DEFINITION OF JSTDFLG4. ----------
					End of Comment
		1...		JSTSTPDL	"X'80'" DEALLOCATED VIA STEP TERM
		.1..		JSTMDSAL	"X'40'" ENTRY ALLOCATED BY MDS
		..1.		JSTMDSDL	"X'20'" ENTRY DE-ALLOCATED BY MDS
		...1		JSTDSINC	"X'10'" LAST USE OF DATASET BY JOB
		.... 1...		JSTDVINC	"X'08'" LAST USE OF DEVICE BY JOB
		.... .1..		JSTVLINC	"X'04'" LAST USE OF VOL(S) BY JOB. FOR SMS MANAGED DATASETS, THIS FLAG IS SET BASED ON A DUMMY VOLSER THAT IS GENERATED FOR CHAINING PURPOSES. THE DUMMY VOLSER CONSISTS OF A HEXADECIMAL "FF" FOLLOWED BY THE FIRST FIVE CHARACTERS OF THE DATASET NAME.
		.... ..1.		JSTDDINC	"X'02'" LAST USE OF DD IN STEP
		1		JSTDKMSG	"X'01'" KEEP MSG ON VOL-LST-USE
96	(60)	BITSTRING	1	JSTDFLG5	JSTDFLG5 FLAG 5
					Comment
					---------- DEFINITION OF JSTDFLG5. ----------
					End of Comment
		1...		JSTMSVGP	"X'80'" MSVGP= SPECIFIED
		.1..		JSTHSTEX	"X'40'" HOSTEXCL UNITNAME SPECIFIED
		..1.		JSTSDGXX	"X'20'" SDG NAME HONORED FOR ENTRY
		...1		JSTSUBUS	"X'10'" SUBSQ USE OF DEV IN STP
		.... 1...		JSTINVIS	"X'08'" ENTRY IS 'INVISIBLE' TO MDS JST ACCESS - CLEARED BY MSVC VOLUME SELECT
		.... .1..		JSTPRSV	"X'04'" ENT REF PRS/RSV VOLUME
		.... ..1.		JSTMSSDL	"X'02'" MSS ENTRY DEALLOCATED
		1		JSTSOFTX	"X'01'" NON-SHR DUE TO HWS CHN
97	(61)	BITSTRING	1	JSTDFLG6	JSTDFLG6 FLAG 6
					Comment
					---------- DEFINITION OF JSTDFLG6. ----------
					End of Comment
		1...		JSTDUNAF	"X'80'" UNIT AFFINITY SPECIFIED
		.1..		JSTDVRDD	"X'40'" VOL=REF=DD SPECIFIED
		..1.		JSTDVRDS	"X'20'" VOL=REF=DSN SPECIFIED
		...1		JSTDDCBR	"X'10'" DCB=DSNAME SPECIFIED
		.... 1...		JSTBDSAL	"X'08'" BYPASS DATA SET ALLOCATION 0421 FOR THIS DATA SET (I.E 0421 DON'T BUILD A SETDSN ENTRY) 0421
		.... .1..		JSTDSMDS	"X'04'" USE DATA SET NAME IN MDS
		.... ..1.		JSTVRPAS	"X'02'" PASSED DATASET
		1		JSTDPAR	"X'01'" PARALLEL MOUNT REQUEST
98	(62)	BITSTRING	1	JSTDFLG7	JSTDFLG7 FLAG 7

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- DEFINITION OF JSTDFLG7. ----------			
		End of Comment			
		1...		JSTDPCAT	"X'80'" POTENTIAL CATLG REQUEST
		.1..		JSTDISAM	"X'40'" DSORG=IS SPECIFIED
		..1.		JSTDCCAT	"X'20'" CONCATENATED DD REQ
		...1		JSTDGDSN	"X'10'" GENERATED DSN
		.... 1...		JSTDJOBL	"X'08'" JOBLIB DD REQUEST
		.... .1..		JSTDJSCT	"X'04'" JOBCAT/STEPCAT REQUEST
		.... ..1.		JSTDCATC	"X'02'" CONCATENATED PRIV CATLG
		1		JSTDGDGS	"X'01'" GDG SINGLE REQUEST
99	(63)	BITSTRING	1	JSTDFLG8	JSTDFLG8 FLAG 8
		Comment			
		---------- DEFINITION OF JSTDFLG8. ----------			
		End of Comment			
		1...		JSTCIALL	"X'80'" ENTRY ALLOCATED BY INTERPRTR
		.1..		JSTCART	"X'40'" CARTRIDGE TAPE REQUEST
		..1.		JSTHWSPL	"X'20'" DD ENTRY SPLIT OFF BY HWS
		...1		JSTDMDCH	"X'10'" DEMAND SCAN COMPLETE $$$$
		.... 1...		JSTSCRAL	"X'08'" MSVC SCRATCH ALLOC DONE
		.... .1..		JSTSMSMM	"X'04'" SMS MANAGED MOUNTABLE REQ.
		.... ..1.		JSTDSSCN	"X'02'" DATA SET ALREADY SCANNED BY IATMDIQ (IN STORAGE ONLY)
		1		JSTUNLOD	"X'01'" NO TAPE DEVICE UNLOAD REQ'D
100	(64)	BITSTRING	1	JSTDFLU1	JSTDFLU1 USE COUNT AND FETCH FLAG
		1111 111.		JSTUCMSK	"X'FE'" USE COUNT MASK USED TO RESET THE USE COUNT BITS
		1...		JSTDVUIN	"X'80'" DEVICE (SYSUNITS) USE COUNT HAS BEEN INCREMENTED
		.1..		JSTDVUDC	"X'40'" DEVICE (SYSUNITS) USE COUNT HAS BEEN DECREMENTED
		..1.		JSTDSUIN	"X'20'" DATA SET (SETDSN) USE COUNT HAS BEEN INCREMENTED
		...1		JSTDSUDC	"X'10'" DATA SET (SETDSN) USE COUNT HAS BEEN DECREMENTED
		.... 1...		JSTDVMVD	"X'08'" INDICATES THAT THE JSTDVUIN BIT HAS BEEN MOVED TO A PRIOR JST DD ENTRY ON THE DEVICE CHAIN BECAUSE THE LAST JST DD ENTRY ON THE DEVICE CHAIN WAS DYNAMICALLY DEALLOCATED
		.... .1..		JSTDUING	"X'04'" GDG BASE (SETDSN) USE COUNT HAS BEEN INCREMENTED
		.... ..1.		JSTDUDCG	"X'02'" GDG BASE (SETDSN) USE COUNT HAS BEEN DECREMENTED
		1		JSTUFECH	"X'01'" / MAIN FETCH PARM (1=YES)
101	(65)	BITSTRING	1	JSTDFLU2	JSTDFLU2 FLAG
		Comment			
		---------- DEFINITION OF JSTDFLU2 ----------			
		End of Comment			

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		JSTMVBYP	"X'80'" DD CALLS FOR SPECIFIC AND NON-SPECIFIC P/R DASD VOLS; LET MVS FIGURE OUT UNITS
		.1..		JSTADR4	"X'40'" 4 DIGIT DEVICE NUMBER IS USED IN JSTUADR
		..1.		JSTDYNAL	"X'20'" THIS IS A DYNAMIC ALLOCATION
		...1		JSTSETGB	"X'10'" THIS JOB SET THE POINTER TO GDG BASE SETDSN
		.... 1...		JSTUASSI	"X'08'" UNIT AFF SSI INVOKED
		.... .1..		JSTLIST	"X'04'" THIS DD HAS A LIST ENTRY
102	(66)	BITSTRING	1	JSTERRCD	JSTERRCD MDS ERROR CODES 0269

Comment

DEFINITIONS FOR MDS ALLOCATION ERROR CODES 0

End of Comment

102	(66)	X'4'	0	JSTERR1	"4" TYPE DOESN'T EXIST
102	(66)	X'8'	0	JSTERR2	"8" NOT ENOUGH DEVICES
102	(66)	X'C'	0	JSTERR3	"12" DMD WITH NO MAIN SPEC'D
102	(66)	X'10'	0	JSTERR4	"16" MULTI VOL REQ FOR PRS VOL
102	(66)	X'14'	0	JSTERR5	"20" PRS VOL NOT ON THIS MAIN
102	(66)	X'18'	0	JSTERR6	"24" PRS VOL NOT ON THIS TYPE
102	(66)	X'1C'	0	JSTERR7	"28" VOLUME ON INELIGIBLE MSS
102	(66)	X'20'	0	JSTERR8	"32" VOLUME REF INCOMPATIBLE DEV
102	(66)	X'20'	0	JSTERMX	"JSTERR8" Maximum value of JSTERRCD

Comment

DEFINITIONS FOR MDS SYSTEM ERROR CODES 0

End of Comment

102	(66)	X'4'	0	JSTSER1	"4" ATTEMPTING TO DECREMENT SYSUNITS USE COUNT THAT IS ALREADY ZERO
102	(66)	X'8'	0	JSTSER2	"8" ATTEMPTING TO DECREMENT SETDSN USE COUNT THAT IS ALREADY ZERO
102	(66)	X'C'	0	JSTSER3	"12" NO SETVOL ENTRY FOUND 0269
102	(66)	X'10'	0	JSTSER4	"16" ATTEMPTING TO DECREMENT SETVOL ALLOCATION COUNT THAT IS ALREADY ZERO
102	(66)	X'14'	0	JSTSER5	"20" ATTEMPTING TO DECREMENT SETVOL FETCH COUNT THAT IS ALREADY ZERO
102	(66)	X'18'	0	JSTSER6	"24" DUPLICATE SETUNITS ENTRY ON VOLUME VERIFY CHAIN
102	(66)	X'1C'	0	JSTSER7	"28" ATTEMPTING TO INCREMENT SYSUNITS USE CNT THAT HAS ALREADY BEEN INCREMENTED
102	(66)	X'20'	0	JSTSER8	"32" ATTEMPTING TO DECREMENT THE SYSUNITS USE COUNT AND JST INDICATES CNT HAS NOT BEEN INCREMENTED OR HAS ALREADY BEEN DECREMENTED
102	(66)	X'24'	0	JSTSER9	"36" ATTEMPTING TO DECREMENT THE SYSUNITS USE COUNT AND RQ CONTROL COUNT IS ZERO
102	(66)	X'28'	0	JSTSER10	"40" ATTEMPTING TO INCREMENT A SETDSN USE COUNT THAT HAS ALREADY BEEN INCREMENTED
102	(66)	X'2C'	0	JSTSER11	"44" ATTEMPTING TO DECREMENT THE SETDSN USE COUNT AND JST INDICATES COUNT HAS NOT BEEN INCREMENTED OR HAS ALREADY BEEN DECREMENTED
102	(66)	X'30'	0	JSTSER12	"48" ATTEMPTING TO DECREMENT THE SETDSN USE COUNT AND THE RQ CONTROL COUNT IS ZERO
102	(66)	X'34'	0	JSTSER13	"52" ATTEMPTING TO INCREMENT THE SETVOL FETCH CONTROL CNT IN THE JST BEYOND THE MAX
102	(66)	X'38'	0	JSTSER14	"56" ATTEMPTING TO DECREMENT THE SETVOL FETCH CNT AND THE JST FETCH COUNT IS ZERO
102	(66)	X'3C'	0	JSTSER15	"60" ATTEMPTING TO DECREMENT THE SETVOL FETCH COUNT AND RQ CONTROL COUNT IS ZERO

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
102	(66)	X'40'	0	JSTSER16	"64" ATTEMPTING TO INCREMENT THE SETVOL ALLOCATION COUNT IN JST BEYOND THE MAX
102	(66)	X'44'	0	JSTSER17	"68" ATTEMPTING TO DECREMENT THE SETVOL ALLOCATION CNT AND JST ALLOC COUNT IS ZERO
102	(66)	X'48'	0	JSTSER18	"72" ATTEMPTING TO DECREMENT THE SETVOL ALLOCATION CNT AND RQ CONTROL COUNT IS ZERO
103	(67)	BITSTRING	1	JSTMFAIL	JSTMFAIL ALLOCATION FAILURE FLAGS

Comment

```
-----------------------------------------------------------
     DEFINITION OF JSTMFAIL.
-----------------------------------------------------------
```

End of Comment

		1...	JSTDVNAL	"X'80'" DEVICE ALLOCATION FAILURE
		.1..	JSTDSNAL	"X'40'" DSNAME ALLOCATION FAILURE
		..1.	JSTVLNAL	"X'20'" VOLUME ALLOCATION FAILURE
		...1	JSTVUNAL	"X'10'" UNAVAILABLE VOLUME
		.... 1...	JSTMNTPD	"X'08'" VOLUME MOUNT PENDING
		.... .1..	JSTVDNAL	"X'04'" VOLUME'S DEVICE FAILURE
		.... ..1.	JSTGBNAL	"X'02'" GDG BASE ALLOCATION FAILURE

Comment

```
-----------------------------------------------------------
     WHENEVER JSTUADR IS SET, THE BIT JSTADR4 IN
     JSTDFLU2 MUST BE SET.
-----------------------------------------------------------
```

End of Comment

104	(68)	CHARACTER	4	JSTUADR	4 DIGIT DEVICE NUMBER
104	(68)	X'68'	0	JST3ADR	"JSTUADR,3" 3 DIGIT DEVICE NUMBER
108	(6C)	SIGNED	2	JSTVLSEQ	JVT SEQUENCE NUMBER OF VOLUME THAT FAILED ALLOC
110	(6E)	SIGNED	2	JSTLSTEN	INDEX OF UNITNAME LIST ENTRY
112	(70)	SIGNED	2	JSTDUSER	RESERVED FOR USER
116	(74)	SIGNED	4	JSTSHEND (0)	END OF SHORT ENTRY
116	(74)	BITSTRING	0	JSTSHSIZ (0)	SIZE OF SHORT ENTRY
116	(74)	SIGNED	4	JSTSIOT (0)	SWA ADDRESS OF SIOT DURING POSTSCAN
116	(74)	SIGNED	4	JSTJFCB (0)	SWA ADDRESS OF JFCB DURING POSTSCAN
116	(74)	SIGNED	4	JSTSETNM	SETNAMES ADDRESS DURING MAIN LIMITING AND SOFT ALLOCATION
120	(78)	SIGNED	2	JSTDBRF	ID OF REF'D JST ENTRY
122	(7A)	SIGNED	2	JSTDFRF1	IMMEDIATE FORWARD REF
124	(7C)	SIGNED	2	JSTDFRF2	IATIIP1 UNIT AFF FWD CHAIN IATMDMS FORWARD CHAIN SAVE
126	(7E)	SIGNED	2	JSTDBRF1	IMMEDIATE BACKWARD REF
128	(80)	SIGNED	2	JSTDBRF2	IATIIP1 UNIT AFF BKWD CHAIN IATMDMS BACKWARD CHAIN SAVE
128	(80)	X'7A'	0	JSTDTHRD	"JSTDFRF1" REL. NMBR OF NXT USR OF DEV
130	(82)	BITSTRING	1	JSTDSIZE	LENGTH OF DSNAME
130	(82)	CHARACTER	45	JSTDSNAM	DATASET NAME
175	(AF)	BITSTRING	1	JSTMEDIA	MEDIA TYPE OF REQUEST
176	(B0)	SIGNED	2	JSTHWNXT	REL. NO. OF NXT HWATR DDNTRY
176	(B0)	BITSTRING	1	JSTVLFCT	NUMBER OF TIMES A VOL FETCH COUNT WAS INCREMENTED WITHOUT A CORRESPONDING DECREMENT
177	(B1)	BITSTRING	1	JSTVLACT	NUMBER OF TIMES A VOL ALLOC COUNT WAS INCREMENTED WITHOUT A CORRESPONDING DECREMENT
178	(B2)	BITSTRING	1	JSTNUMUN	HIGH WATER SETUP UNIT COUNT
179	(B3)	BITSTRING	1	JSTRSVDB	RESERVED BYTE
176	(B0)	SIGNED	4	JSTMSSMN	MAIN MASK FOR EXTRA SDG ALLOC FOR HWS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
180	(B4)	BITSTRING	6	JSTSCRVL	SCRATCH VOLSER REPLACED BY MSVC VOLUME SELECT
186	(BA)	SIGNED	2	JSTUTBIN	HWS UTB INDEX
188	(BC)	SIGNED	4		RESERVED FOR JES3 SERVICE
192	(C0)	BITSTRING	8		RESERVED FOR DEVELOPMENT
200	(C8)	SIGNED	4	JSTVEND (0)	END OF FULL ENTRY
200	(C8)	BITSTRING	1	JSTVSIZ (0)	SIZE OF FULL ENTRY

Comment

JST UNITNAME LIST ENTRY

End of Comment

0	(0)	SIGNED	2		ENTRY SIZE (JSTVARL)
2	(2)	BITSTRING	1		UNIT LIST ENTRY ID -JSTENTID
3	(3)	BITSTRING	1		UNUSED
4	(4)	SIGNED	2	JSTLSNXT	INDEX OF NEXT LIST ENTRY
6	(6)	SIGNED	2	JSTDDIND	

Comment

THE FOLLOWING NAME/FLAG FIELDS ARE REPEATED FOR EACH
UNITNAME IN THE LIST ENTRY. IF THERE ARE MORE NAMES
THAN WILL FIT IN AN ENTRY, ADDITIONAL ENTRIES WILL
BE CREATED.

End of Comment

8	(8)	CHARACTER	8	JSTULNAM	UNIT NAME
16	(10)	BITSTRING	1	JSTULFL1	FLAG BYTE NUMBER 1
		1...		JSTULAST	"X'80'" LAST UNIT NAME FOR REQUEST
		.1..		JSTELAST	"X'40'" LAST UNIT NAME IN THIS UNIT NAME LIST ENTRY
17	(11)	BITSTRING	1	JSTULFL2	FLAG BYTE NUMBER 2
18	(12)	BITSTRING	1	JSTLEND (0)	END OF NAME AND ASSOC FLAGS
18	(12)	BITSTRING	1	JSTLSIZE (0)	LENGTH OF NAME/FLAGS

IATYJST Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
JSTADR4	65	40	JSTDDR	2E	
JSTALLOC	C3	40	JSTDEFER	5D	8
JSTBDSAL	61	8	JSTDEV	5A	
JSTBRKDN	C3	8	JSTDFLG1	5C	
JSTCART	63	40	JSTDFLG2	5D	
JSTCATFD	7C		JSTDFLG3	5E	
JSTCHN	C	0	JSTDFLG4	5F	
JSTCIALL	63	80	JSTDFLG5	60	
JSTCNSMS	C4	2	JSTDFLG6	61	
JSTCNT	6	0	JSTDFLG7	62	
JSTCURR	C7	2	JSTDFLG8	63	
JSTDA	5C	40	JSTDFLU1	64	
JSTDATA	1C		JSTDFLU2	65	
JSTDBRF	78		JSTDFRF1	7A	
JSTDBRF1	7E		JSTDFRF2	7C	
JSTDBRF2	80		JSTDGDGS	62	1
JSTDCATC	62	2	JSTDGDSN	62	10
JSTDCCAT	62	20	JSTDISAM	62	40
JSTDCHN	AC		JSTDJOBL	62	8
JSTDD	2	8	JSTDJSCT	62	4
JSTDDCBR	61	10	JSTDKMSG	5F	1
JSTDDINC	5F	2	JSTDMD	5E	40
JSTDDIND	6		JSTDMDAL	C4	1
JSTDDNM	50		JSTDMDCH	63	10

Name	Hex Offset	Hex Value
JSTDPAR	61	1
JSTDPCAT	62	80
JSTDRSV1	40	
JSTDSINC	5F	10
JSTDSIZE	82	
JSTDSMDS	61	4
JSTDSNAD	4	
JSTDSNAL	67	40
JSTDSNAM	82	
JSTDSSCN	63	2
JSTDSSTK	2C	40
JSTDSUDC	64	10
JSTDSUIN	64	20
JSTDTHRD	80	7A
JSTDUDCG	64	2
JSTDUING	64	4
JSTDUNAF	61	80
JSTDUSER	70	
JSTDVINC	5F	8
JSTDVMVD	64	8
JSTDVNAL	67	80
JSTDVRDD	61	40
JSTDVRDS	61	20
JSTDVUDC	64	40
JSTDVUIN	64	80
JSTDYACT	C4	20
JSTDYCNT	38	
JSTDYNAL	65	20
JSTELAST	10	40
JSTENTID	2	
JSTENTRY	0	
JSTEOB	2	F7
JSTEOF	2	FF
JSTERMX	66	20
JSTERRCD	66	
JSTERR1	66	4
JSTERR2	66	8
JSTERR3	66	C
JSTERR4	66	10
JSTERR5	66	14
JSTERR6	66	18
JSTERR7	66	1C
JSTERR8	66	20
JSTFALL	C5	2
JSTFDDYN	8	
JSTFEND	D0	
JSTFETCH	C3	80
JSTFIXL	B8	
JSTFNCJB	A0	A0
JSTFNCJC	C0	C0
JSTFNONE	C5	8
JSTFRFDB	68	
JSTFSET	C5	4
JSTFSIZ	D0	
JSTFUSER	C5	1
JSTGBNAL	67	2
JSTGR	5C	10
JSTHFLG1	C3	
JSTHFLG2	C4	
JSTHFLG3	C5	
JSTHFLG4	C6	
JSTHIGHE	C0	
JSTHINCL	C4	40
JSTHSTEX	60	40
JSTHSTN	BA	
JSTHUSER	CC	
JSTHWALL	C6	80
JSTHWDSK	C6	20
JSTHWMSS	C6	4
JSTHWNXT	B0	
JSTHWSPL	63	20
JSTHWTAP	C6	40
JSTHWTOP	18	
JSTID	8	D1E2E340
JSTIDD	A0	
JSTINVIS	60	8
JSTJBNAM	1C	
JSTJFCB	74	
JSTJRSMS	C4	4
JSTJVT	42	
JSTJVTFD	88	
JSTJVTX	10	
JSTLABEL	3	
JSTLEND	12	
JSTLIST	65	4
JSTLOWE	BE	
JSTLSIZE	12	
JSTLSNXT	4	
JSTLSTEN	6E	
JSTMAIN	C2	
JSTMAINF	2C	
JSTMAINV	30	
JSTMDSAL	5F	40
JSTMDSDL	5F	20
JSTMEDIA	AF	
JSTMFAIL	67	
JSTMNTD	5E	4
JSTMNTPD	67	8
JSTMOD	5D	10
JSTMOUNT	C3	20
JSTMPNAM	24	
JSTMS	5C	8
JSTMSERR	41	
JSTMSHX1	41	6
JSTMSHX2	41	B
JSTMSJST	41	4
JSTMSMSU	41	8
JSTMSPAT	41	9
JSTMSSDG	41	A
JSTMSSDL	60	2
JSTMSSIN	C4	10
JSTMSSMN	B0	
JSTMSSRF	C4	80
JSTMSSVX	41	7
JSTMSVGP	60	80
JSTMSVLM	41	5
JSTMULTI	5D	1
JSTMVBYP	65	80
JSTNEW	5D	40
JSTNODEV	5E	8
JSTNOMNT	5E	10
JSTNORNG	C6	1
JSTNOXP	C6	8
JSTNULL	2	0
JSTNUMUN	B2	
JSTOLD	5D	80
JSTPARM	70	
JSTPDJST	C4	8
JSTPREUS	5E	1
JSTPRNM	24	

Name	Hex Offset	Hex Value
JSTPRSV	60	4
JSTRH101	C3	1
JSTRH102	C3	2
JSTRH104	C3	4
JSTRH410	C6	10
JSTRING	5D	4
JSTRPN	58	
JSTRSVDB	B3	
JSTRSVDS	38	
JSTRSVD3	2D	
JSTRVCHN	C8	
JSTSCR	5E	20
JSTSCRAL	63	8
JSTSCRVL	B4	
JSTSCT	4	
JSTSCURR	1A	
JSTSDG	5A	5B
JSTSDGNM	C6	2
JSTSDGXX	60	20
JSTSEND	74	
JSTSER1	66	4
JSTSER10	66	28
JSTSER11	66	2C
JSTSER12	66	30
JSTSER13	66	34
JSTSER14	66	38
JSTSER15	66	3C
JSTSER16	66	40
JSTSER17	66	44
JSTSER18	66	48
JSTSER2	66	8
JSTSER3	66	C
JSTSER4	66	10
JSTSER5	66	14
JSTSER6	66	18
JSTSER7	66	1C
JSTSER8	66	20
JSTSER9	66	24
JSTSETAD	8	
JSTSETGB	65	10
JSTSETNM	74	
JSTSFLG1	2C	
JSTSHEND	74	
JSTSHR	5D	20
JSTSHSIZ	74	
JSTSIHWS	C5	40
JSTSIOT	74	
JSTSJOB	C5	20
JSTSMS	5D	2
JSTSMSAV	30	
JSTSMSCN	34	
JSTSMSMM	63	4
JSTSMSTK	60	
JSTSMULT	2C	80
JSTSNONE	C5	80
JSTSNXT	16	
JSTSOFTX	60	1
JSTSP312	C7	1
JSTSP421	C7	2
JSTSSIZ	74	
JSTSTART	0	
JSTSTEP	2	4
JSTSTNM	1C	
JSTSTPDL	5F	80
JSTSTPNO	3	
JSTSTUSR	3C	
JSTSUBUS	60	10
JSTSUSER	C5	10
JSTSWRK1	54	
JSTTA	5C	80
JSTTRK	0	0
JSTTRSV1	94	
JSTTRSV2	28	
JSTTRSV3	44	
JSTTYPE	48	
JSTUADR	68	
JSTUASSI	65	8
JSTUCMSK	64	FE
JSTUFECH	64	1
JSTULAST	10	80
JSTULFL1	10	
JSTULFL2	11	
JSTULIST	2	10
JSTULNAM	8	
JSTUNLOD	63	1
JSTUR	5C	20
JSTUTBIN	BA	
JSTVARL	0	
JSTVDNAL	67	4
JSTVEND	C8	
JSTVERSN	C7	
JSTVLACT	B1	
JSTVLEXC	5E	2
JSTVLFCT	B0	
JSTVLID	18	0
JSTVLINC	5F	4
JSTVLNAL	67	20
JSTVLSEQ	6C	
JSTVOLAD	C	
JSTVOLFD	5E	80
JSTVOLID	10	
JSTVOLT	4	
JSTVRFYD	C3	10
JSTVRPAS	61	2
JSTVSIZ	C8	
JSTVUMPC	34	
JSTVUNAL	67	10
JST1STP	BC	
JST25ATO	3A	20
JST25CAT	3A	40
JST25DYA	3A	80
JST25END	6C	70
JST25FG1	3A	
JST25FG2	3B	
JST25FSD	48	
JST25FST	44	
JST25MSD	64	
JST25MST	60	
JST25NDF	40	
JST25NDM	58	
JST25NMV	5C	
JST25NTF	3C	
JST25NTM	54	
JST25SIZ	70	
JST25SMF	3A	
JST25SSD	50	
JST25SST	4C	
JST25VVD	6C	
JST25VVT	68	
JST3ADR	68	68

IATYJTS Programming Interface information

Programming Interface information

IATYJTS

The following field is **NOT** programming interface information:

- JTSLIST

End of Programming Interface information

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IATYJTS Heading Information

Common Name: JOB TRACK ALLOCATION TABLE SEARCH BLOCK (JTS)
Macro ID: IATYJTS
DSECT Name: JTSSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JTS
Offset: 0
Length: 4
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0 (JESPOOL)
Key: 1 (JESKEY)
Residency: ANY
Size: JTSSIZE
Created by: N/A
Pointed to by: N/A
Serialization: YES
Function: DESCRIBES JOB AND DATASET TAT SEARCH PARAMETER LIST

IATYJTS Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JTSSTART	
0	(0)	CHARACTER	4	JTSID	DATA AREA IDENTIFIER
4	(4)	BITSTRING	1	JTSEXOPT	EXTENT OPTIONS
		1...		JTSEXALL	"X'80'" - EXT=ALL
		.1..		JTSEXDRN	"X'40'" - EXT=DRAINED
		..1.		JTSEXUNV	"X'20'" - EXT=UNAVAIL
		...1		JTSEXHLD	"X'10'" - EXT=HELD
		.... 1...		JTSEXLST	"X'08'" - EXT=LIST
Comment					

End of Comment					
5	(5)	BITSTRING	1	JTSGPOPT	GROUP OPTIONS
		1...		JTSGPALL	"X'80'" - GRPS=ALL
		.1..		JTSGPFRS	"X'40'" - GRPS=FIRST
		..1.		JTSGPTAT	"X'20'" - GRPS=TAT
Comment					

End of Comment					
6	(6)	BITSTRING	1	JTSFLAGS	INTERNAL PROCESSING FLAGS
		1...		JTSSUMEX	"X'80'" - EXTLIST= SPECIFIED
		.1..		JTSSUMSP	"X'40'" - SPBLIST= SPECIFIED
		..1.		JTSEOD	"X'20'" - EOD INDICATOR
		...1		JTSUNVDA	"X'10'" - UNAVAILABLE DATA SET
		.... 1...		JTSDMJDS	"X'08'" - JCT points to dummy JDS This flag is also used in IATIQPG to indicate that TATs for a dummy JDS have been found.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					

End of Comment					
7	(7)	BITSTRING	1	JTSRSVD	RESERVED FOR DEVELOPMENT
8	(8)	ADDRESS	4	JTSJCT	JCT ADDRESS
12	(C)	SIGNED	4	JTSJDSOF	RESUME OFFSET IN WORK FDB
16	(10)	BITSTRING	12	JTSJDSDB	JDS FDB
28	(1C)	BITSTRING	28	JTSJBTFD	TAT FDB
56	(38)	SIGNED	4	JTSGRPCT	LOGICAL TRACK GROUP COUNT
60	(3C)	ADDRESS	4	JTSLIST	EXTLIST/SPBLIST TABLE ADDRESS
60	(3C)	X'40'	0	JTSEND	"*"
60	(3C)	X'40'	0	JTSSIZE	"JTSEND-JTSSTART"

IATYJTS Cross Reference

Name	Hex Offset	Hex Value
JTSDMJDS	6	8
JTSEND	3C	40
JTSEOD	6	20
JTSEXALL	4	80
JTSEXDRN	4	40
JTSEXHLD	4	10
JTSEXLST	4	8
JTSEXOPT	4	
JTSEXUNV	4	20
JTSFLAGS	6	
JTSGPALL	5	80
JTSGPFRS	5	40
JTSGPOPT	5	
JTSGPTAT	5	20
JTSGRPCT	38	
JTSID	0	
JTSJBTFD	1C	
JTSJCT	8	
JTSJDSDB	10	
JTSJDSOF	C	
JTSLIST	3C	
JTSRSVD	7	
JTSSIZE	3C	40
JTSSTART	0	
JTSSUMEX	6	80
JTSSUMSP	6	40
JTSUNVDA	6	10

IATYJUSF Heading Information

Common Name: JESXCF User State Field
Macro ID: IATYJUSF
DSECT Name: JUSSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: None
Virtual Storage: None
Auxiliary Storage: None
Size: JUSSIZE
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: Generates a mapping of the JESXCF user state field.

IATYJUSF Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JUSSTART	, JESXCF User State Information
0	(0)	BITSTRING	1	JUSJXFG1	JESXCF Flag One
					Comment

					Definition of JUSJXFG1.

					End of Comment
		1...		JUSCONAC	"X'80'" JESXCF connection is active (if off, connection is not active)
1	(1)	BITSTRING	3	JUSJSXC2	Used by JESXCF
					Comment
					The following four fields are used to map the JES portion of the user state.
					End of Comment
4	(4)	BITSTRING	1	JUSJSFG1	JES Flag One
					Comment

					Definition of JUSJSFG1.

					End of Comment
		1...		JUSAMRCG	"X'80'" All active mains have reconnected to the Global
		.1..		JUSHS140	"X'40'" Reserved for development
		..1.		JUSJS120	"X'20'" Reserved for development
		...1		JUSJS110	"X'10'" Reserved for development
		.... 1...		JUSJS108	"X'08'" Reserved for development
		.... .1..		JUSJS104	"X'04'" Reserved for development
		.... ..1.		JUSJS102	"X'02'" Reserved for development
		1		JUSJS101	"X'01'" Reserved for development
5	(5)	BITSTRING	1	JUSJSFG2	JES Flag Two

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Definition of JUSJSFG2. ----------	
				End of Comment	
		1...		JUSJS280	"X'80'" Reserved for development
		.1..		JUSJS240	"X'40'" Reserved for development
		..1.		JUSJS220	"X'20'" Reserved for development
		...1		JUSJS210	"X'10'" Reserved for development
		.... 1...		JUSJS208	"X'08'" Reserved for development
		.... .1..		JUSJS204	"X'04'" Reserved for development
		.... ..1.		JUSJS202	"X'02'" Reserved for development
		1		JUSJS201	"X'01'" Reserved for development
6	(6)	BITSTRING	1	JUSJSFG3	JES Flag Three
				Comment	
				---------- Definition of JUSJSFG3. ----------	
				End of Comment	
		1...		JUSJS380	"X'80'" Reserved for service
		.1..		JUSJS340	"X'40'" Reserved for service
		..1.		JUSJS320	"X'20'" Reserved for service
		...1		JUSJS310	"X'10'" Reserved for service
		.... 1...		JUSJS308	"X'08'" Reserved for service
		.... .1..		JUSJS304	"X'04'" Reserved for service
		.... ..1.		JUSJS302	"X'02'" Reserved for service
		1		JUSJS301	"X'01'" Reserved for service
7	(7)	BITSTRING	1	JUSJSFG4	JES Flag Four
				Comment	
				---------- Definition of JUSJSFG4. ----------	
				End of Comment	
		1...		JUSJS480	"X'80'" Reserved for service
		.1..		JUSJS440	"X'40'" Reserved for service
		..1.		JUSJS420	"X'20'" Reserved for service
		...1		JUSJS410	"X'10'" Reserved for service
		.... 1...		JUSJS408	"X'08'" Reserved for service
		.... .1..		JUSJS404	"X'04'" Reserved for service
		.... ..1.		JUSJS402	"X'02'" Reserved for service
		1		JUSJS401	"X'01'" Reserved for service
				Comment	
				The following 21 bytes in the JES portion of the JESXCF user state are not mapped yet.	
				End of Comment	
8	(8)	BITSTRING	21	JUSJESRS	Reserved for JES

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		JESXCF User State Common Section. Shared between JESXCF, JES2, and JES3. Modifications to this section requires changes to the JESXCF component.			
				End of Comment	
29	(1D)	BITSTRING	1	JUPCOMON (0)	
29	(1D)	BITSTRING	1	JUSCMFG1	Common section flag one
				Comment	
		---------- Definition of JUSCMFG1. ----------			
				End of Comment	
		1...		JUSCM180	"X'80'" Reserved for development
		.1..		JUSCM140	"X'40'" Reserved for development
		..1.		JUSCM120	"X'20'" Reserved for development
		...1		JUSCM110	"X'10'" Reserved for development
		.... 1...		JUSCM108	"X'08'" Reserved for development
		.... .1..		JUSCM104	"X'04'" Reserved for development
		.... ..1.		JUSCM102	"X'02'" Reserved for development
		1		JUSCM101	"X'01'" Reserved for development
30	(1E)	BITSTRING	1	JUSCMFG2	Common section flag two
				Comment	
		---------- Definition of JUSCMFG2. ----------			
				End of Comment	
		1...		JUSCM280	"X'80'" Reserved for development
		.1..		JUSCM240	"X'40'" Reserved for development
		..1.		JUSCM220	"X'20'" Reserved for development
		...1		JUSCM210	"X'10'" Reserved for development
		.... 1...		JUSCM208	"X'08'" Reserved for development
		.... .1..		JUSCM204	"X'04'" Reserved for development
		.... ..1.		JUSCM202	"X'02'" Reserved for development
		1		JUSCM201	"X'01'" Reserved for development
31	(1F)	BITSTRING	1	JUSCMFG3	Common section flag three
				Comment	
		---------- Definition of JUSCMFG3. ----------			
				End of Comment	
		1...		JUSCM380	"X'80'" Reserved for development
		.1..		JUSCM340	"X'40'" Reserved for development
		..1.		JUSCM320	"X'20'" Reserved for development
		...1		JUSCM310	"X'10'" Reserved for development
		.... 1...		JUSCM308	"X'08'" Reserved for development
		.... .1..		JUSCM304	"X'04'" Reserved for development
		.... ..1.		JUSCM302	"X'02'" Reserved for development
		1		JUSCM301	"X'01'" Reserved for development

IATYJUSF Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					End of JESXCF User State Information.
					End of Comment
32	(20)	BITSTRING	1	JUSEND (0)	End of user state info
32	(20)	X'20'	0	JUSSIZE	"JUSEND-JUSSTART" Size of user state info
					Comment
					Make sure that the user state field is exactly 32 bytes.
					End of Comment
32	(20)	BITSTRING	0	(0)	Don't go over 32
32	(20)	BITSTRING	1	(0)	Don't go under 32

IATYJUSF Cross Reference

Name	Hex Offset	Hex Value
JUPCOMON	1D	
JUSAMRCG	4	80
JUSCMFG1	1D	0
JUSCMFG2	1E	0
JUSCMFG3	1F	0
JUSCM101	1D	1
JUSCM102	1D	2
JUSCM104	1D	4
JUSCM108	1D	8
JUSCM110	1D	10
JUSCM120	1D	20
JUSCM140	1D	40
JUSCM180	1D	80
JUSCM201	1E	1
JUSCM202	1E	2
JUSCM204	1E	4
JUSCM208	1E	8
JUSCM210	1E	10
JUSCM220	1E	20
JUSCM240	1E	40
JUSCM280	1E	80
JUSCM301	1F	1
JUSCM302	1F	2
JUSCM304	1F	4
JUSCM308	1F	8
JUSCM310	1F	10
JUSCM320	1F	20
JUSCM340	1F	40
JUSCM380	1F	80
JUSCONAC	0	80
JUSEND	20	
JUSHS140	4	40
JUSJESRS	8	0
JUSJSFG1	4	0
JUSJSFG2	5	0
JUSJSFG3	6	0
JUSJSFG4	7	0
JUSJSXC2	1	
JUSJS101	4	1
JUSJS102	4	2
JUSJS104	4	4
JUSJS108	4	8
JUSJS110	4	10
JUSJS120	4	20
JUSJS201	5	1
JUSJS202	5	2
JUSJS204	5	4
JUSJS208	5	8
JUSJS210	5	10
JUSJS220	5	20
JUSJS240	5	40
JUSJS280	5	80
JUSJS301	6	1
JUSJS302	6	2
JUSJS304	6	4
JUSJS308	6	8
JUSJS310	6	10
JUSJS320	6	20
JUSJS340	6	40
JUSJS380	6	80
JUSJS401	7	1
JUSJS402	7	2
JUSJS404	7	4
JUSJS408	7	8
JUSJS410	7	10
JUSJS420	7	20
JUSJS440	7	40
JUSJS480	7	80
JUSJXFG1	0	
JUSSIZE	20	20
JUSSTART	0	

IATYJVD Programming Interface information

Programming Interface information

IATYJVD

The following fields are **NOT** programming interface information:

- JVDDMJV
- JVDDSPEP
- JVDIJOB
- JVDJVDR
- JVDJVQAD
- JVDUX14
- JVDVIOAR
- JVDVIOEX
- JVDVIWAD
- JVDVJOB
- JVDVMSG
- JVDVSRE
- JVDVSRV
- JVDVTAT
- JVDXVIOA

End of Programming Interface information

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IATYJVD Heading Information

Common Name: JES3 JOB validation/restart data CSECT
Macro ID: IATYJVD
DSECT Name: JVDSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JVD
Offset: JVDID
Length: 4
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0
Key: 1 (JESKEY)
Residency: ANY
Size: JVDSIZE
Created by: IATINJV
Pointed to by: R13 under INJOBVAL FCT,
JVWJVDAD in IATYJVD
Serialization: NONE
Function: Used to pass information to the job validation and restart modules.

IATYJVD Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	JVDSTART	
0	(0)	SIGNED	4	JVDREGS (18)	REGISTER SAVE AREA
72	(48)	CHARACTER	4	JVDID	DATA AREA IDENTIFIER
76	(4C)	ADDRESS	4	JVDFCTAD	FCT ADDRESS
80	(50)	ADDRESS	4	JVDJVQAD	JVQ ADDRESS
84	(54)	ADDRESS	4	JVDJVWAD	ADDRESS OF JVW FOR CURRENT JOB
88	(58)	ADDRESS	4	JVDVIWAD	Address of Job Validation I/O Work Area (VIW)
92	(5C)	ADDRESS	4	JVDDSPEP	ADDRESS OF DSP JBVAL EP TABLE
96	(60)	ADDRESS	4	JVDSRCPB	ADDRESS OF SRV DESC CELL POOL BLOCK

Comment

```
-------------------------------------------------------------
MODULE/SUBROUTINE ENTRY POINT ADDRESSES SUPPLIED BY IATINJV
-------------------------------------------------------------
```

End of Comment

100	(64)	ADDRESS	4	JVDVMSG	IATINJV - IATXVMSG EP
104	(68)	ADDRESS	4	JVDJVDR	IATJVDR - IATJVDR MODULE START ADDRESS
108	(6C)	ADDRESS	4	JVDDMJV	IATDMJV - ADDRESS OF IATDMJV EP TABLE
112	(70)	ADDRESS	4	JVDVJOB	IATDMJV - JOB SPOOL VALIDATION EP
116	(74)	ADDRESS	4	JVDVFDB	IATDMJV - IATXVFDB EP
120	(78)	ADDRESS	4	JVDVTAT	IATDMJV - IATXVTAT EP
124	(7C)	ADDRESS	4	JVDVSRV	IATDMJV - IATXVSRV EP
128	(80)	ADDRESS	4	JVDVSRE	IATDMJV - IATXVSRE EP
132	(84)	ADDRESS	4	JVDIJOB	IATDMJV - Initial Job Spool Validation E.P.
136	(88)	ADDRESS	4	JVDUX14	IATUX14 - IATUX14 MODULE START ADDRESS
140	(8C)	ADDRESS	4	JVDXVIOA	IATDMVIO - Job Validation I/O Services E.P.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

				JVDSTAT --- RESTART/VALIDATION DSP STATUS INDICATORS	

				End of Comment	
144	(90)	BITSTRING	1	JVDSTAT	
		1...		JVDSINIT	"X'80'" DSP INITIALIZATION IN PROGRESS
		.1..		JVDSJOBS	"X'40'" JOB SELECT IN PROGRESS
		..1.		JVDSJOBV	"X'20'" JOB VALIDATION IN PROGRESS
		...1		JVDSJOBT	"X'10'" JOB CLEANUP IN PROGRESS
		.... 1...		JVDSTERM	"X'08'" DSP TERMINATION IN PROGRESS
		.... .1..		JVDSFAIL	"X'04'" DSP FAILSOFT RECOVERY IN PROGRESS
		.... ..1.		JVDSABN2	"X'02'" DSP FAILSOFT FAILURE
				Comment	

				JVDOPT --- INITIALIZATION OPTIONS INDICATORS	

				End of Comment	
145	(91)	BITSTRING	1	JVDOPT	
		1...		JVDSPALL	"X'80'" SPOOL SPACE MUST BE REALLOCATED
		.1..		JVDSPCHK	"X'40'" ENSURE SPOOL SPACE ALREADY ALLOCATED
		..1.		JVDANALS	"X'20'" PERFORM ANALYSIS OF SPOOL RECS
		...1		JVDRSTRT	"X'10'" PERFORM JOB RESTART
				Comment	

				Parameter Lists.	

				VDVIOAR IATXVIO FUNC=ADD_READ, IATXVIO ADD_READ parm list	
				End of Comment	
				Comment	
				$R0= RSTPERF HJS6604 951031 PD0DR: OS 2.4.0	
				IATXVIO FUNC=ADD_READ, IATXVIO ADD_READ List Form X	
				End of Comment	
148	(94)	SIGNED	4	JVDVIOAR (0)	IATXVIO ADD_READ List Form
148	(94)	ADDRESS	4		FDB address
152	(98)	ADDRESS	4		Root FDB address
156	(9C)	ADDRESS	4		Description address
160	(A0)	CHARACTER	4		Control block id
164	(A4)	ADDRESS	4		Job name address
168	(A8)	ADDRESS	4		Job id address
168	(A8)	X'18'	0	JVDVIASZ	"*-JVDVIOAR" Size of parameter list
				Comment	
				VDVIOEX IATXVIO FUNC=EXTRACT, IATXVIO EXTRACT parm list	
				End of Comment	

IATYJVD Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					$R0= RSTPERF HJS6604 951031 PD0DR: OS 2.4.0 IATXVIO FUNC=EXTRACT, IATXVIO EXTRACT List Form X
					End of Comment
172	(AC)	SIGNED	4	JVDVIOEX (0)	IATXVIO EXTRACT List Form
172	(AC)	SIGNED	4		Search argument
176	(B0)	ADDRESS	4		Output root FDB address
180	(B4)	ADDRESS	4		Output description address
184	(B8)	ADDRESS	4		Output FDB pointer address
184	(B8)	X'10'	0	JVDVIESZ	"*-JVDVIOEX" Size of parameter list
188	(BC)	BITSTRING	1	JVDRSVD1 (2)	RESERVED FOR DEVELOPMENT
192	(C0)	SIGNED	4	JVDRSVD2 (2)	RESERVED FOR DEVELOPMENT
200	(C8)	SIGNED	4	JVDRSVS1 (2)	RESERVED FOR SERVICE
208	(D0)	SIGNED	4	JVDRSVU1 (2)	RESERVED FOR USER
208	(D0)	X'D8'	0	JVDEND	"*"
208	(D0)	X'D8'	0	JVDSIZE	"JVDEND-JVDSTART" SIZE OF JVD

IATYJVD Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
JVDANALS	91	20	JVDVSRV	7C	
JVDDMJV	6C		JVDVTAT	78	
JVDDSPEP	5C		JVDXVIOA	8C	
JVDEND	D0	D8			
JVDFCTAD	4C				
JVDID	48				
JVDIJOB	84				
JVDJVDR	68				
JVDJVQAD	50				
JVDJVWAD	54				
JVDOPT	91				
JVDREGS	0				
JVDRSTRT	91	10			
JVDRSVD1	BC				
JVDRSVD2	C0				
JVDRSVS1	C8				
JVDRSVU1	D0				
JVDSABN2	90	2			
JVDSFAIL	90	4			
JVDSINIT	90	80			
JVDSIZE	D0	D8			
JVDSJOBS	90	40			
JVDSJOBT	90	10			
JVDSJOBV	90	20			
JVDSPALL	91	80			
JVDSPCHK	91	40			
JVDSRCPB	60				
JVDSTART	0				
JVDSTAT	90				
JVDSTERM	90	8			
JVDUX14	88				
JVDVFDB	74				
JVDVIASZ	A8	18			
JVDVIESZ	B8	10			
JVDVIOAR	94				
JVDVIOEX	AC				
JVDVIWAD	58				
JVDVJOB	70				
JVDVMSG	64				
JVDVSRE	80				

IATYJVL Heading Information

Common Name: Job Validation/Restart Error Logout Data Area
Macro ID: IATYJVL
DSECT Name: JVLSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JVL
Offset: 0
Length: 4
Storage Attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A
Size: JVLSIZE
Created by: IATINLG
Pointed to by: R13 in the INJOBSNP FCT
Serialization: None
Function: The Job Validation/Restart Error Logout Data Area (JVL) is used to pass information to the job snap modules from the INJOBSNP FCT driver module, IATINLG. It contains the pointers to routines and the data areas used by the job snap modules.

IATYJVL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	JVLSTART	
0	(0)	SIGNED	4	JVLREGS (18)	SAVE AREA
72	(48)	CHARACTER	4	JVLID	DATA AREA IDENTIFIER
76	(4C)	ADDRESS	4	JVLFCTA	INJOBSNP FCT ADDRESS
80	(50)	ADDRESS	4	JVLJVQAD	ADDRESS OF JVQ
84	(54)	ADDRESS	4	JVLJVWAD	ADDRESS OF CURRENT JVW
88	(58)	ADDRESS	4	JVLJVLG	IATJVLG MODULE ADDRESS
92	(5C)	ADDRESS	4	JVLDMLG	IATDMLG EP ADDRESS
96	(60)	ADDRESS	4	JVLSJOB	IATJVLG JOB SNAP EP ADDRESS
100	(64)	ADDRESS	4	JVLPRNT	SNAP PRINT LINE ROUTINE
104	(68)	ADDRESS	4	JVLSNPRT	CNTL BLK SNAP ROUTINE
108	(6C)	ADDRESS	4	JVLSRV	CURRENT SRV ENTRY SAVE AREA
112	(70)	ADDRESS	4	JVLSRVBL	CURRENT SRV BLOCK SAVE AREA
116	(74)	SIGNED	4	JVLSRVCT	CURRENT SRV COUNT
120	(78)	SIGNED	2	JVLSOFST	SUPPRESSED OFFSET START
122	(7A)	SIGNED	2	JVLEOFST	SUPPRESSED OFFSET END
124	(7C)	SIGNED	4	JVLRSRV	RESERVED FOR DEVELOPMENT
128	(80)	DBL WORD	8	JVLWORK	CONVERSION WORK AREA

Comment

```
-------------------------------------------------------------
JVLWKFDB --- SINGLE RECORD FILE WORK FDB
-------------------------------------------------------------
```

End of Comment

136	(88)	BITSTRING	1	JVLWKFDB	SINGLE RECORD FILE WORK FDB

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

				JVLISTAT --- IATINLG CURRENT FUNCTION (JESTAE FOOTPRINT)	

				End of Comment	
148	(94)	BITSTRING	1	JVLISTAT	
148	(94)	X'1'	0	JVLDOPN	"1" OPEN OF JES3SNAP
148	(94)	X'2'	0	JVLLOAD	"2" LOADING SNAP MODULES
148	(94)	X'3'	0	JVLREQ	"3" WAITING FOR A JOB
148	(94)	X'4'	0	JVLACTV	"4" JOB SNAP PROCESSING ACTIVE
148	(94)	X'5'	0	JVLDONE	"5" JOB SNAP COMPLETE
148	(94)	X'6'	0	JVLDEL	"6" DELETING SNAP MODULES
148	(94)	X'7'	0	JVLDCLS	"7" CLOSE OF JES3SNAP
				Comment	

				JVLJSTAT --- IATJVLG CURRENT FUNCTION (JESTAE FOOTPRINT)	

				End of Comment	
149	(95)	BITSTRING	1	JVLJSTAT	
149	(95)	X'1'	0	JVLJVWFM	"1" FORMATTING THE JVW
149	(95)	X'2'	0	JVLJVWSP	"2" PROCESSING THE JVW SNAP
149	(95)	X'3'	0	JVLJVWST	"3" PROCESSING STATUS INDICATORS
149	(95)	X'4'	0	JVLQMSG	"4" PRINTING QUEUED JOB MESSAGES
149	(95)	X'5'	0	JVLDMCLD	"5" CALLED DMLG FOR SPOOL SNAP
				Comment	

				JVLDSTAT --- IATDMLG CURRENT FUNCTION (JESTAE FOOTPRINT)	

				End of Comment	
150	(96)	BITSTRING	1	JVLDSTAT	
150	(96)	X'1'	0	JVLDSUM	"1" SPOOL SUMMARY PROCESSING
150	(96)	X'2'	0	JVLDREC	"2" SPOOL RECORD PROCESSING
150	(96)	X'3'	0	JVLUNKS	"3" UNKNOWN SRV PROCESSING
				Comment	

				JVLFLAG1 --- SNAP INDICATORS	

				End of Comment	
151	(97)	BITSTRING	1	JVLFLAG1	
		1...		JVLRETRY	"X'80'" INJV JESTAE ROUTINE IN CONTROL
		.1..		JVLDESCR	"X'40'" SUMMARY DESCRIPTOR MSG NEEDED
		..1.		JVLUNSRV	"X'20'" UNKNOWN SRV FOUND FOR JOB
152	(98)	SIGNED	4	JVLRSVDD (2)	RESERVED FOR DEVELOPMENT
160	(A0)	SIGNED	4	JVLRSVDS (2)	RESERVED FOR SERVICE
168	(A8)	SIGNED	4	JVLRSVDU (2)	RESERVED FOR USER

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

JES3SNAP PRINT LINE					

				End of Comment	
176	(B0)	SIGNED	4	JVLREC (0)	
176	(B0)	ADDRESS	2	JVLBDW (2)	BLOCK DESCRIPTOR WORD
180	(B4)	ADDRESS	2	JVLRDW (2)	RECORD DESCRIPTOR WORD
184	(B8)	CHARACTER	121	JVLLINE	PRINT LINE AREA
184	(B8)	X'131'	0	JVLLEND	"*"
305	(131)	CHARACTER	121	JVLMSGWK	MESSAGE WORK AREA
426	(1AA)	CHARACTER	121	JVLSLINE	LINES SUPPRESSED MSG WORK AREA
547	(223)	BITSTRING	1	JVLRSVD1	RESERVED FOR DEVELOPMENT
				Comment	

JES3SNAP WRITE PARAMETER LIST					

WRITE JVLWRITE,SF,JVLDCB,JVLREC,MF=L					
				End of Comment	
548	(224)	SIGNED	4	JVLWRITE	EVENT CONTROL BLOCK
552	(228)	BITSTRING	1		TYPE FIELD
553	(229)	BITSTRING	1		TYPE FIELD
554	(22A)	ADDRESS	2		LENGTH
556	(22C)	ADDRESS	4		DCB ADDRESS
560	(230)	ADDRESS	4		AREA ADDRESS
564	(234)	ADDRESS	4		RECORD POINTER WORD
				Comment	

JES3SNAP OPEN PARAMETER LIST					

JVLOPEN OPEN (JVLDCB,OUTPUT),MF=L					
				End of Comment	
568	(238)	SIGNED	4	JVLOPEN (0)	ALIGN LIST TO FULLWORD
568	(238)	ADDRESS	1		OPTION BYTE
569	(239)	ADDRESS	3		DCB ADDRESS
				Comment	

JES3SNAP DCB					

JVLDCB DCB DDNAME=JES3SNAP,DEVD=DA,DSORG=PS,MACRF=W,RECFM=VBA, BLKSIZE=882,LRECL=125,SYNAD=JVLBR14 DATA CONTROL BLOCK					
				End of Comment	
572	(23C)	SIGNED	4	JVLDCB (0)	ORIGIN ON WORD BOUNDARY DIRECT ACCESS DEVICE INTERFACE
572	(23C)	BITSTRING	16		FDAD, DVTBL
588	(24C)	ADDRESS	4		KEYLEN, DEVT, TRBAL COMMON ACCESS METHOD INTERFACE
592	(250)	ADDRESS	1		BUFNO, NUMBER OF BUFFERS
593	(251)	ADDRESS	3		BUFCB, BUFFER POOL CONTROL BLOCK
596	(254)	ADDRESS	2		BUFL, BUFFER LENGTH
598	(256)	BITSTRING	2		DSORG, DATA SET ORGANIZATION

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
600	(258)	ADDRESS	4		IOBAD FOR EXCP OR RESERVED FOUNDATION EXTENSION
604	(25C)	BITSTRING	1		BFTEK, BFALN, DCBE INDICATORS
605	(25D)	ADDRESS	3		EODAD (END OF DATA ROUTINE ADDRESS)
608	(260)	BITSTRING	1		RECFM (RECORD FORMAT)
609	(261)	ADDRESS	3		EXLST (EXIT LIST ADDRESS) FOUNDATION BLOCK
612	(264)	CHARACTER	8		DDNAME
620	(26C)	BITSTRING	1		OFLGS (OPEN FLAGS)
621	(26D)	BITSTRING	1		IFLGS (IOS FLAGS)
622	(26E)	BITSTRING	2		MACR (MACRO FORMAT) BSAM-BPAM-QSAM INTERFACE
624	(270)	BITSTRING	1		OPTCD, OPTION CODES
625	(271)	ADDRESS	3		CHECK OR INTERNAL QSAM SYNCHRONIZING RTN.
628	(274)	ADDRESS	4		SYNAD, SYNCHRONOUS ERROR RTN. (3 BYTES)
632	(278)	SIGNED	2		INTERNAL ACCESS METHOD FLAGS
634	(27A)	ADDRESS	2		BLKSIZE, BLOCK SIZE
636	(27C)	SIGNED	4		INTERNAL ACCESS METHOD FLAGS
640	(280)	ADDRESS	4		INTERNAL ACCESS METHOD USE BSAM-BPAM INTERFACE
644	(284)	ADDRESS	1		NCP, MAX NUM OF OUTSTANDING READ/WRITES
645	(285)	ADDRESS	3		EOBR, INTERNAL ACCESS METHOD USE
648	(288)	ADDRESS	4		EOBW, INTERNAL ACCESS METHOD USE
652	(28C)	ADDRESS	1	(2)	FLAGS AND EITHER DIRCT OR BUFOFF
654	(28E)	ADDRESS	2		LRECL
656	(290)	ADDRESS	4		CNTRL, NOTE, POINT

Comment

```
-------------------------------------------------------------
JES3SNAP OPEN SYNAD EXIT ROUTINE
-------------------------------------------------------------
```

End of Comment

Comment

```
-------------------------------------------------------------
CONVERT A HEXADECIMAL VALUE TO PRINTABLE HEX ROUTINE
-------------------------------------------------------------
JVLACVX ACVX , GENERATE PRINTABLE HEX
      $RX= OS280 HJS6608 990205 PD0DR: OS 2.8.0
```

End of Comment

662	(296)	SIGNED	2	JVLACVX (0)	ALIGNMENT
686	(2AE)	SIGNED	2	S0008 (3)	WORK AREA
692	(2B4)	SIGNED	2	T0008 (5)	WORK AREA
702	(2BE)	CHARACTER	16	V0008	XLATE TABLE

Comment

ON ENTRY R1 POINTS TO TARGET WORD, ON EXIT R1 POINTS TO PRINTABLE

End of Comment

702	(2BE)	X'2CE'	0	JVLEND	"*" END OF THE JVL
702	(2BE)	X'2CE'	0	JVLSIZE	"JVLEND-JVLSTART" SIZE OF THE JVL DATA AREA

IATYJVL Cross Reference

Name	Hex Offset	Hex Value
JVLACTV	94	4
JVLACVX	296	
JVLBDW	B0	
JVLDCB	23C	
JVLDCLS	94	7
JVLDEL	94	6
JVLDESCR	97	40
JVLDMCLD	95	5
JVLDMLG	5C	
JVLDONE	94	5
JVLDOPN	94	1
JVLDREC	96	2
JVLDSTAT	96	0
JVLDSUM	96	1
JVLEND	2BE	2CE
JVLEOFST	7A	0
JVLFCTA	4C	
JVLFLAG1	97	0
JVLID	48	D1E5D340
JVLISTAT	94	0
JVLJSTAT	95	0
JVLJVLG	58	
JVLJVQAD	50	
JVLJVWAD	54	
JVLJVWFM	95	1
JVLJVWSP	95	2
JVLJVWST	95	3
JVLLEND	B8	131
JVLLINE	B8	40404040
JVLLOAD	94	2
JVLMSGWK	131	40404040
JVLOPEN	238	
JVLPRNT	64	
JVLQMSG	95	4
JVLRDW	B4	
JVLREC	B0	
JVLREGS	0	0
JVLREQ	94	3
JVLRETRY	97	80
JVLRSRV	7C	0
JVLRSVDD	98	0
JVLRSVDS	A0	0
JVLRSVDU	A8	0
JVLRSVD1	223	0
JVLSIZE	2BE	2CE
JVLSJOB	60	
JVLSLINE	1AA	40404040
JVLSNPRT	68	
JVLSOFST	78	0
JVLSRV	6C	
JVLSRVBL	70	
JVLSRVCT	74	0
JVLSTART	0	
JVLUNKS	96	3
JVLUNSRV	97	20
JVLWKFDB	88	0
JVLWORK	80	0
JVLWRITE	224	0
S0008	2AE	0
T0008	2B4	0
V0008	2BE	F0F1F2F3

IATYJVQ Heading Information

Common Name: JES3 initialization job validation queue control
Macro ID: IATYJVQ
DSECT Name: JVQSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JVQ
Offset: JVQID
Length: 4
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0 (JESPOOL)
Key: 1 (JESKEY)
Residency: ANY
Size: JVQSIZE
Created by: IATINJR
Pointed to by: JVDJVQAD in IATYJVD,
JVLJVQAD in IATYJVL,
JVWJVQAD in IATYJVW
Serialization: NONE
Function: Maps the data area used to communicate between JSS during JES3 initialization and the JOB VALIDATION and SNAP FCTS.

IATYJVQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JVQSTART	
0	(0)	CHARACTER	4	JVQID	DATA AREA IDENTIFIER
4	(4)	ADDRESS	4	JVQSNAPA	ADDRESS OF SNAP WORK AREA
8	(8)	ADDRESS	4	JVQJVWAD	ADDRESS OF JVW AREA
12	(C)	SIGNED	4	JVQJVWSZ	SIZE OF THE JVW AREA
16	(10)	ADDRESS	4	JVQDSPEP	ADDRESS OF DSP JBVAL EP TABLE
20	(14)	ADDRESS	4	JVQSRCPB	ADDRESS OF SRV DESC CELL POOL BLOCK
24	(18)	ADDRESS	4	JVQVICPB	Address of the Job Validation I/O Element (VIO) cell pool block
28	(1C)	ADDRESS	4	JVQXVIOA	Address of the Job Validation I/O Services module (IATDMVIO)
32	(20)	SIGNED	2	JVQDSPLN	SIZE OF THE DSP JBVAL EP TABLE
34	(22)	SIGNED	2	JVQDSPCT	NUMBER OF DSP JBVAL TABLE ENTRIES
36	(24)	SIGNED	2	JVQFCTCT	NUMBER OF JOB PROCESSING FCTS COMPLETE
38	(26)	SIGNED	2	JVQFCTAT	NUMBER OF JOB PROCESSING FCTS ATTACHED
40	(28)	SIGNED	2	JVQJVWCT	NUMBER OF JVW ELEMENTS CONSTRUCTED
42	(2A)	SIGNED	2	JVQJCTSZ	SIZE OF EACH JCT RECORD

Comment

```
-------------------------------------------------------------
JVQOPT --- JES3 INITIALIZATION OPTION INDICATORS
-------------------------------------------------------------
```

End of Comment

44	(2C)	BITSTRING	1	JVQOPT	
		1...		JVQSPALL	"X'80'" SPOOL SPACE MUST BE REALLOCATED
		.1..		JVQSPCHK	"X'40'" ENSURE SPOOL SPACE ALREADY ALLOCATED
		..1.		JVQANALS	"X'20'" PERFORM ANALYSIS OF SPOOL RECORDS
		...1		JVQRSTRT	"X'10'" PERFORM JOB RESTART

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

				JVQSTAT --- IATINJR STATUS INDICATORS	

				End of Comment	
45	(2D)	BITSTRING	1	JVQSTAT	
		1...		JVQJCTER	"X'80'" ERROR(S) ENCOUNTERED READING JCT
		.1..		JVQDSABL	"X'40'" JOB CANCEL/SYSTEM DISABLE REQUESTED
		..1.		JVQSNPAT	"X'20'" INJOBSNP FCT HAS BEEN ATTACHED
		...1		JVQNOSNP	"X'10'" ATTACH OF INJOBSNP NOT ALLOWED
		.... 1...		JVQSNPER	"X'08'" INJOBSNP FAILURE
				Comment	

				JVQECF --- IATINJR/IATINJV COMMUNICATIONS ECF	

				End of Comment	
46	(2E)	BITSTRING	1	JVQECF	
		1...		JVQEJVWJ	"X'80'" JVQJVWJQ IS NOT EMPTY
		.1..		JVQEJVWW	"X'40'" JVQJVWWQ IS NOT EMPTY
		..1.		JVQEJVWT	"X'20'" JVQJVWTQ IS NOT EMPTY
		...1		JVQEJVWS	"X'10'" JVQJVWSQ IS NOT EMPTY
		.... 1...		JVQETERM	"X'08'" TERMINATE THE IATINJV FCTS
		.... .1..		JVQESTRM	"X'04'" TERMINATE THE IATINLG FCT
		.... ..1.		JVQEFCTT	"X'02'" AN FCT TERMINATED
		1		JVQEFCTF	"X'01'" AN FCT FAILED TO INITIALIZE
				Comment	

				JVQACTN - IATINJR WTOR ACTIONS	

				End of Comment	
47	(2F)	BITSTRING	1	JVQACTN	WTOR ACTIONS
		1...		JVQSNPAL	"X'80'" OPERATOR REQUESTED SNAP, ALL TO IAT4174
		.1..		JVQHOLD	"X'40'" OPERATOR REQUESTED HOLD, ALL TO IAT4140
		..1.		JVQCANCL	"X'20'" OPERATOR REQUESTED CANCEL, ALL TO IAT4140
				Comment	

				QUEUE HEADS FOR JOB VALIDATION WORK AREAS	

				End of Comment	
48	(30)	ADDRESS	4	JVQJVWWQ	JVW'S WAITING FOR AN IATINJV FCT
52	(34)	ADDRESS	4	JVQJVWTQ	JVW'S WAITING FOR JOB TERM PROCESSING
56	(38)	ADDRESS	4	JVQJVWJQ	JVW'S WAITING FOR A JOB
60	(3C)	ADDRESS	4	JVQJVWSQ	JVW'S WAITING FOR THE IATINLG FCT
				Comment	

				JCT DATA SET PROCESSING WORK FIELDS	

				End of Comment	
64	(40)	ADDRESS	4	JVQJCTBF	PTR TO JSAM BUFFER FOR JCT UPDATING

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
68	(44)	SIGNED	4	JVQLOWMR	FIRST JCT RECORD NUMBER (R OF M.R)
72	(48)	SIGNED	4	JVQHIGHR	Last used JCT record number as determined by IATINJQ
76	(4C)	SIGNED	4	JVQSIOMR	RECORD NUMBER OF LAST RECORD READ
80	(50)	SIGNED	4	JVQJOBQA	TOD HIGHEST JOB NO ADDED TO QUEUE
84	(54)	SIGNED	4	JVQJOBQN	JOB NUMBER OF HIGHEST JOB ADDED
88	(58)	SIGNED	2	JVQDATSZ	SIZE OF DAT FOR JCT INPUT
90	(5A)	SIGNED	2	JVQDATPG	NUMBER OF DATS PER 4K PAGE
92	(5C)	ADDRESS	4	JVQIOAD	ADDRESS OF DMC/DAT AREA
96	(60)	SIGNED	4	JVQIOSIZ	LENGTH OF DMC/DAT AREA
100	(64)	SIGNED	4	JVQDMCSZ	OFFSET TO START OF DAT AREA
104	(68)	ADDRESS	4	JVQDMCFQ	HEAD OF FREE DMC QUEUE
108	(6C)	SIGNED	2	JVQDMCFC	NUMBER OF DMCS ON THE JVQDMCFQ
110	(6E)	SIGNED	2	JVQJCTTK	NUMBER OF JCTS ON EACH TRACK
112	(70)	ADDRESS	4	JVQDMCPH	HEAD OF PENDING DMC QUEUE
116	(74)	ADDRESS	4	JVQDMCPT	TAIL OF PENDING DMC QUEUE
120	(78)	SIGNED	4	JVQRSVD1 (2)	RESERVED FOR DEVELOPMENT
128	(80)	SIGNED	4	JVQRSVS1 (2)	RESERVED FOR SERVICE
136	(88)	SIGNED	4	JVQRSVU1 (2)	RESERVED FOR USER
144	(90)	BITSTRING	1	JVQSECLS	XSEC PARM LIST AREA FOR IATINJR 0460
144	(90)	X'858'	0	JVQEND	"*"
144	(90)	X'858'	0	JVQSIZE	"JVQEND-JVQSTART"

IATYJVQ Cross Reference

Name	Hex Offset	Hex Value
JVQACTN	2F	
JVQANALS	2C	20
JVQCANCL	2F	20
JVQDATPG	5A	
JVQDATSZ	58	
JVQDMCFC	6C	
JVQDMCFQ	68	
JVQDMCPH	70	
JVQDMCPT	74	
JVQDMCSZ	64	
JVQDSABL	2D	40
JVQDSPCT	22	
JVQDSPEP	10	
JVQDSPLN	20	
JVQECF	2E	
JVQEFCTF	2E	1
JVQEFCTT	2E	2
JVQEJVWJ	2E	80
JVQEJVWS	2E	10
JVQEJVWT	2E	20
JVQEJVWW	2E	40
JVQEND	90	858
JVQESTRM	2E	4
JVQETERM	2E	8
JVQFCTAT	26	
JVQFCTCT	24	
JVQHIGHR	48	
JVQHOLD	2F	40
JVQID	0	
JVQIOAD	5C	
JVQIOSIZ	60	
JVQJCTBF	40	
JVQJCTER	2D	80
JVQJCTSZ	2A	
JVQJCTTK	6E	
JVQJOBQA	50	
JVQJOBQN	54	
JVQJVWAD	8	
JVQJVWCT	28	
JVQJVWJQ	38	
JVQJVWSQ	3C	
JVQJVWSZ	C	
JVQJVWTQ	34	
JVQJVWWQ	30	
JVQLOWMR	44	
JVQNOSNP	2D	10
JVQOPT	2C	
JVQRSTRT	2C	10
JVQRSVD1	78	
JVQRSVS1	80	
JVQRSVU1	88	
JVQSECLS	90	
JVQSIOMR	4C	
JVQSIZE	90	858
JVQSNAPA	4	
JVQSNPAL	2F	80
JVQSNPAT	2D	20
JVQSNPER	2D	8
JVQSPALL	2C	80
JVQSPCHK	2C	40
JVQSRCPB	14	
JVQSTART	0	
JVQSTAT	2D	
JVQVICPB	18	
JVQXVIOA	1C	

IATYJVT Programming Interface information

Programming Interface information

IATYJVT

End of Programming Interface information

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IATYJVT Heading Information

Common Name: JOB VOLUME TABLE RECORD
Macro ID: IATYJVT
DSECT Name: JVTSTART (FIXED SECTION), JVTENTRY (VARIABLE ENTRY)
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JVT
Offset: 8
Length: 4
Storage Attributes: Auxiliary Storage: SPOOL
Subpool: 230
Key: 1 (JESKEY)
Residency: ANY
Size: JVTHSIZ (FOR JVTSTART)
JVTESIZ (FOR JVTENTRY)
Created by: IATIIDY,
IATIIP0X,
IATIIPR
Pointed to by: JSTJVTFD IN IATYJST
Serialization: VIA MDSVGET MACRO
Function: THIS DATA AREA CONTAINS LISTS OF VOLUMES AND FLAGS AND IS USED TO PRE-ALLOCATE VOLUMES FOR A JOB. USED WITH THE JST. EACH ENTRY IS ASSOCIATED WITH A JST ENTRY. THE FIRST JVT ENTRY ASSOCIATED WITH EACH JST ENTRY IS COPIED INTO THE JST ENTRY.

IATYJVT Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	IATYJVT	
0	(0)	STRUCTURE	0	JVTSTART	
0	(0)	BITSTRING	6	JVTTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JVTCNT	USER COUNT.
8	(8)	CHARACTER	4	JVTID	FILE ID.
12	(C)	BITSTRING	12	JVTCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JVTVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JVTDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	JVTLNGTH	LENGTH OF HEADER + ENTRIES
30	(1E)	SIGNED	2	JVTHJES3	RESERVED FOR JES3
32	(20)	SIGNED	4	JVTRVCHN	REVERSE JVT CHAIN
36	(24)	SIGNED	2	JVTHDRL	LENGTH OF HEADER AREA
38	(26)	SIGNED	2	JVTENTL	LENGTH OF EACH ENTRY
40	(28)	SIGNED	2	JVTLOW	LOWEST ENTRY NO. IN THIS REC
42	(2A)	SIGNED	2	JVTHIGH	HIGHEST ENTRY NO. IN THIS RE
44	(2C)	BITSTRING	1	JVTHFLG	JVTHFLG FLAG BYTE

Comment

DEFINITION OF JVTHFLG

End of Comment

		1...		JVTCMPLT	"X'80'" C/I JVT PROCESSING IS COMPLETE. SET AFTER POSTSCAN PROCESSING IS COMPLETE AND JUST BEFORE THE LAST TIME THE JVT IS WRITTEN.
45	(2D)	BITSTRING	1	JVTHFLG2	JVTHFLG2 FLAG BYTE 2
48	(30)	SIGNED	4	JVTHEND (0)	END OF JVT HEADER
48	(30)	BITSTRING	1	JVTHSIZ (0)	HDR SIZE USED FOR JVT BUILD

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JVTENTRY	
0	(0)	BITSTRING	6	JVTVLSER (0)	VOLUME SERIAL NUMBER
0	(0)	BITSTRING	2	JVTJNUMC	Compatible with &VTJNUM - see IATXJBNO macro
2	(2)	BITSTRING	2	JVTJSIDX	JST ID
4	(4)	BITSTRING	2	JVTJVIDX	JVT ID
6	(6)	BITSTRING	1	JVTSTPNO	STEP NUMBER
7	(7)	BITSTRING	1	JVTVLSEQ	REL. VOL. POS. IN DD
8	(8)	BITSTRING	2	JVTJSTID	PTR TO JST ENTRY
10	(A)	BITSTRING	2	JVTRSVDD	Reserved for IBM
12	(C)	SIGNED	4	JVTJNUM	Binary job number
16	(10)	BITSTRING	1	JVTFLAG1	JVTFLAG1 ENTRY FLAG BYTE 1
		1...		JVTMOUNT	"X'80'" VOLUME IS MOUNTED
		.1..		JVTMATCH	"X'40'" VOLUME IS MATCHED
		..1.		JVTFIRST	"X'20'" VOLUME IS FIRST OF GROUP
		...1		JVTDUMMY	"X'10'" DUMMY JVT ENTRY
		.... 1...		JVTLSTVL	"X'08'" LAST VOLUME OF DD
		.... .1..		JVTUNAFF	"X'04'" UNIT AFF FOR THIS VOL
		.... ..1.		JVTLSTUS	"X'02'" LAST USE OF VOL IN JOB
		1		JVTSTRLS	"X'01'" VOL RELEASABLE AT STEP END
17	(11)	BITSTRING	1	JVTFLAG2	JVTFLAG2 ENTRY FLAG BYTE 2
		1...		JVTPRMNT	"X'80'" VOL PREVIOUSLY MOUNTED
		.1..		JVTPRES	"X'40'" VOL PERMANENTLY RESIDENT
		..1.		JVTJSTAL	"X'20'" JVTJSTID IS JST (NOT IJS)
		...1		JVTFSTUS	"X'10'" 1ST USE OF VOLUME IN JOB
		.... 1...		JVTFL208	"X'08'" Reserved for IBM 0030
		.... .1..		JVTVLNAL	"X'04'" VOLUME ALLOCATION FAILURE
		.... ..1.		JVTVDNAL	"X'02'" VOLUME'S DEVICE FAILURE
		1		JVTSCRCH	"X'01'" SCRATCH VOLUME
18	(12)	BITSTRING	1	JVTFLAG3	JVTFLAG3 ENTRY FLAG BYTE 3
		1...		JVTLSTJJ	"X'80'" LAST JVT FOR JST ENTRY
20	(14)	SIGNED	4	JVTRSVDS	RESERVED FOR SERVICE
24	(18)	SIGNED	4	JVTEEND (0)	END OF JVT ENTRY
24	(18)	BITSTRING	1	JVTESIZ (0)	ENTRY SIZE FOR BUILD

IATYJVT Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
IATYJVT	0		JVTJSIDX	2	
JVTCHN	C	0	JVTJSTAL	11	20
JVTCMPLT	2C	80	JVTJSTID	8	
JVTCNT	6	0	JVTJVIDX	4	
JVTDATA	1C		JVTLNGTH	1C	
JVTDUMMY	10	10	JVTLOW	28	
JVTEEND	18		JVTLSTJJ	12	80
JVTENTL	26		JVTLSTUS	10	2
JVTENTRY	0		JVTLSTVL	10	8
JVTESIZ	18		JVTMATCH	10	40
JVTFIRST	10	20	JVTMOUNT	10	80
JVTFLAG1	10		JVTPRES	11	40
JVTFLAG2	11		JVTPRMNT	11	80
JVTFLAG3	12		JVTRSVDD	A	
JVTFL208	11	8	JVTRSVDS	14	
JVTFSTUS	11	10	JVTRVCHN	20	
JVTHDRL	24		JVTSCRCH	11	1
JVTHEND	30		JVTSTART	0	
JVTHFLG	2C		JVTSTPNO	6	
JVTHFLG2	2D		JVTSTRLS	10	1
JVTHIGH	2A		JVTTRK	0	0
JVTHJES3	1E		JVTUNAFF	10	4
JVTHSIZ	30		JVTVDNAL	11	2
JVTID	8	D1E5E340	JVTVLID	18	0
JVTJNUM	C		JVTVLNAL	11	4
JVTJNUMC	0		JVTVLSEQ	7	

IATYJVT Cross Reference

Name	Hex Offset	Hex Value
JVTVLSER	0	

IATYJVW Programming Interface information

Programming Interface information

IATYJVW

End of Programming Interface information

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IATYJVW Heading Information

Common Name: Job Validation/Restart Work Area
Macro ID: IATYJVW
DSECT Name: JVWSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JVW
Offset: JVWID
Length: 4
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0 (JESPOOL)
Key: 1 (JESKEY)
Residency: ANY
Size: See Assembler Listing
Created by: IATINJR
Pointed to by: JVDJVWAD in IATYJVD
JVQJVWAD in IATYJVQ
JVLJVWAD in IATYJVL
JVQJVWWQ in IATYJVQ
JVQJVWTQ in IATYJVQ
JVQJVWJQ in IATYJVQ
JVQJVWSQ in IATYJVQ
JVWNEXT in IATYJVW
Serialization: NONE
Function: Used to represent jobs during validation and restart processing.

NOTE: Any changes or additions to the flag bytes JVWSTA1 - JVWSTA8 must be reflected in the module which formats them (IATJVLG).

IATYJVW Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JVWSTART	
0	(0)	CHARACTER	4	JVWID	DATA AREA IDENTIFIER
4	(4)	ADDRESS	4	JVWJVDAD	BACK PTR TO JVD FOR INJV FCT
8	(8)	ADDRESS	4	JVWNEXT	PTR TO NEXT QUEUED JVW ON JVQJVWTQ, JVQJVWWQ, JVQJVWSQ, OR JVQJVWJQ
12	(C)	ADDRESS	4	JVWSRVAD	ADDRESS OF THE FIRST SRV ENTRY
16	(10)	SIGNED	2	JVWJCTSZ	JCT MAXIMUM/ACTUAL SIZE
18	(12)	SIGNED	2	JVWSECNT	COUNTER FOR NUMBER OF SE'S
24	(18)	DBL WORD	8	JVWWORKD	DOUBLEWORD SCRATCH PAD AREA
32	(20)	DBL WORD	8	JVWCONVD	DOUBLEWORD CONVERSION WORK AREA
40	(28)	SIGNED	4	JVWWORK	FULLWORD WORK AREA

Comment

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-------------------------------------------------------------
              JOB SPECIFIC INFORMATION
-------------------------------------------------------------
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End of Comment

44	(2C)	SIGNED	4	JVWJOBDT (0)	START OF JOB RELATED DATA
44	(2C)	CHARACTER	8	JVWJOBNM	JOB NAME
52	(34)	CHARACTER	8	JVWJOBID	JOB ID

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
60	(3C)	ADDRESS	4	JVWMSGQ	HEAD OF MESSAGE BUFFER QUEUE
64	(40)	ADDRESS	4	JVWMSGQE	TAIL OF MESSAGE BUFFER QUEUE
68	(44)	CHARACTER	8	JVWSYSTM	MAIN NAME IF JOB IS ACTIVE
76	(4C)	CHARACTER	8	JVWFSSID	FSID OF C/I FSS PROCESSING THIS JOB
84	(54)	BITSTRING	12	JVWJCFDB	JCT SPOOL RECORD FDB
96	(60)	ADDRESS	4	JVWJCT	JCT BUFFER ADDRESS
100	(64)	BITSTRING	12	JVWJDFDB	JDAB SPOOL RECORD FDB
112	(70)	ADDRESS	4	JVWJDAB	JDAB BUFFER ADDRESS (ZERO IF JDAB NOT AVAILABLE)
116	(74)	ADDRESS	4	JVWJDATK	IATXVIO token associated with the JDAB
120	(78)	BITSTRING	12	JVWJMFDB	JMR SPOOL RECORD FDB
132	(84)	ADDRESS	4	JVWJMR	JMR BUFFER ADDRESS (ZERO IF JMR NOT AVAILABLE)
136	(88)	ADDRESS	4	JVWJMRTK	IATXVIO token associated with the JMR
140	(8C)	BITSTRING	12	JVWJSFDB	JST SPOOL RECORD FDB
152	(98)	BITSTRING	12	JVWDJFDB	DJST SPOOL RECORD FDB
164	(A4)	BITSTRING	12	JVWRTFDB	ROOT SPOOL RECORD FDB
176	(B0)	ADDRESS	4	JVWRESQ	RESQUEUE ADDRESS FOR JOB
180	(B4)	ADDRESS	4	JVWJQEX	JQEX address for job
184	(B8)	ADDRESS	4	JVWRCEAD	ADDRESS OF THE RQ CHAINED SINGLE RECORD FILE EXTENSION (RCE)
188	(BC)	ADDRESS	4	JVWJDSTB	ADDRESS OF THE JDS SPOOL TABLE
192	(C0)	ADDRESS	4	JVWJDSFR	First JDS buffer address
196	(C4)	SIGNED	2	JVWJDTSZ	SIZE OF THE JDS SPOOL TABLE
198	(C6)	SIGNED	2	JVWJDSCT	NUMBER OF JDS BUFFERS FOR THE JOB
200	(C8)	SIGNED	2	JVWDSTCT	Number of JDS entries with data set TATs in this JDS buffer
204	(CC)	ADDRESS	4	JVWTATFR	Address of first TAT buffer being processed in the current IATXVTAT request
208	(D0)	ADDRESS	4	JVWTATLS	Address of last TAT buffer being processed in the current IATXVTAT request

Comment

```
-----------------------------------------------------------
JVWRSTFL --- JOB RESTART FLAGS (SAME AS JQERSTFL)
-----------------------------------------------------------
```

End of Comment

212	(D4)	BITSTRING	1	JVWRSTFL	JOB RESTART FLAG (SAME AS JQERSTFL)
		1...		JVWPCRST	"X'80'" PROCLIB RESTART REQUIRED
		.1..		JVWOSEBY	"X'40'" BYPASS OSE BUILD
		..1.		JVWSOMAR	"X'20'" JOB HAS A SPINOFF DATA SET ON MAIN. PUT JOB ON BOTH MAIN AND OUTSERV QUEUES

Comment

```
-----------------------------------------------------------
JVWSTA1 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 1
-----------------------------------------------------------
```

End of Comment

213	(D5)	BITSTRING	1	JVWSTA1	
		1...		JVWCBERR	"X'80'" SPOOL RECORD ERROR DETECTED
		.1..		JVWVFAIL	"X'40'" ABEND DURING JOB VALIDATION
		..1.		JVWPREVD	"X'20'" JCT DELETE PREVIOUSLY FLAGGED
		...1		JVWREPSP	"X'10'" JOB HAS DATA ON A REPLACED SPOOL DATA SET
		.... 1...		JVWDELSP	"X'08'" JOB HAS DATA ON A DELETED SPOOL DATA SET
		.... .1..		JVWSPERR	"X'04'" SPOOL SPACE REALLOCATION INCOMPLETE
		.... ..1.		JVWDUPTK	"X'02'" DUPLICATE TRACKS DETECTED
		1		JVWDSPAB	"X'01'" ACTIVE DSP TERMINATED BY FAILSOFT
213	(D5)	X'FF'	0	JVWST1ER	"JVWPREVD+JVWVFAIL+JVWDELSP+JVWREPSP+JVWCBERR +JVWSPERR+JVWDSPAB+JVWDUPTK

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

		JVWSTA2 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 2			

				End of Comment	
214	(D6)	BITSTRING	1	JVWSTA2	
		1...		JVWUNVSP	"X'80'" JOB HAS DATA ON AN UNAVAIL. SPOOL DATA SET
		.1..		JVWHLDSP	"X'40'" DATA ON HELD SPOOL DATA SET
		..1.		JVWUNJBT	"X'20'" JOBTAT OR JDS WAS UNAVAILABLE OR INVALID
		...1		JVWACTMN	"X'10'" JOB IS ACTIVE ON MAIN
		.... 1...		JVWACTCI	"X'08'" JOB IS ACTIVE IN A C/I FSS
		.... .1..		JVWSNPDN	"X'04'" SNAP OF JOB DATA COMPLETED
		.... ..1.		JVWACPRG	"X'02'" JOB WAS ACTIVE IN PURGE
		1		JVWJCTER	"X'01'" SEVERE JCT ERROR --- DO NOT USE
214	(D6)	X'2'	0	JVWST2ER	"JVWACPRG" JVWSTA2 ERROR CONDITIONS CHECKED BY IATINJR
				Comment	

		JVWSTA3 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 3			

				End of Comment	
215	(D7)	BITSTRING	1	JVWSTA3	
		1...		JVWISDRV	"X'80'" JDAB HAS AN EXTRA SE (ISDRVR)
		.1..		JVWDUPOT	"X'40'" DUPLICATE TRACKS POTENTIAL
		..1.		JVWDUPID	"X'20'" DUPLICATE SRV ENTRY FOUND
		...1		JVWMSGNA	"X'10'" DIAGNOSTIC MESSAGES LOST DUE TO A VIRTUAL STORAGE SHORTAGE
		.... 1...		JVWJCTUP	"X'08'" JCT FOR THE JOB HAS BEEN MODIFIED
		.... .1..		JVWJCTIE	"X'04'" JCT READ ERROR - DO NOT USE
		.... ..1.		JVWJCTVE	"X'02'" JCT INITIAL VALIDATION FAILED
		1		JVWJCTNU	"X'01'" JCT RECORD HAS NEVER BEEN USED
215	(D7)	X'6'	0	JVWST3ER	"JVWJCTIE+JVWJCTVE" JVWSTA3 ERROR CONDITIONS CHECKED BY IATINJR
				Comment	

		JVWSTA4 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 4			

				End of Comment	
216	(D8)	BITSTRING	1	JVWSTA4	
		1...		JVWREADQ	"X'80'" JVW IS ON THE JCT READ QUEUE
		.1..		JVWREADA	"X'40'" JCT INPUT IN PROGRESS
		..1.		JVWWAITQ	"X'20'" JVW IS ON THE FCT WAIT QUEUE
		...1		JVWACTIV	"X'10'" JOB VALIDATION IN PROGRESS
		.... 1...		JVWTERMQ	"X'08'" JVW IS ON THE TERMINATION QUEUE
		.... .1..		JVWTERMA	"X'04'" JVW TERMINATION IN PROGRESS
		.... ..1.		JVWSNAPQ	"X'02'" JVW IS ON THE SNAP QUEUE
		1		JVWSNAPA	"X'01'" JVW SNAP IS IN PROGRESS
				Comment	

		JVWSTA5 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 5			

				End of Comment	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
217	(D9)	BITSTRING	1	JVWSTA5	
		1...		JVWBADNO	"X'80'" JCT HAS AN INVALID JOB NUMBER
		.1..		JVWJDBUP	"X'40'" JOB'S JDAB HAS BEEN MODIFIED
		..1.		JVWJMRUP	"X'20'" JOB'S JMR HAS BEEN MODIFIED
		...1		JVWJDSUP	"X'10'" JDS ENTRY HAS BEEN MODIFIED
		.... 1...		JVWOSERR	"X'08'" OUTPUT SERVICE JOB VALIDATION ERROR
		.... .1..		JVWIRAUP	"X'04'" USE COUNT IN IRA HAS BEEN UPDATED
		.... ..1.		JVWJQEAE	"X'02'" JQE ALLOCATION ERROR
		1		JVWOPJCL	"X'01'" JDS ENTRY HAS OUTPUT JCL REFERENCES
217	(D9)	X'8A'	0	JVWST5ER	"JVWBADNO+JVWOSERR+JVWJQEAE" JVWSTA5 ERROR CONDITIONS CHECKED BY IATINJR

Comment

```
-----------------------------------------------------------
JVWSTA6 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 6
-----------------------------------------------------------
```

End of Comment

218	(DA)	BITSTRING	1	JVWSTA6	
		1...		JVWJCTWE	"X'80'" JCT WRITE ERROR
		.1..		JVWDANAL	"X'40'" JOB DELETED THRU ANALYSIS
		..1.		JVWMNTAT	"X'20'" JOB OBTAINS SPOOL SPACE SINGLE TRACK TABLE (STT)
		...1		JVWOSESO	"X'10'" OSE SCHEDULED OR DATA SET PROCESSED
		.... 1...		JVWRETER	"X'08'" JOB RETENTION ERROR IN IATINJR
		.... .1..		JVWDELET	"X'04'" JOB MARKED DELETE ONLY BY IATINJR
		.... ..1.		JVWACTLC	"X'02'" JOB IS ACTIVE IN LOCATE
218	(DA)	X'C0'	0	JVWST6ER	"JVWJCTWE+JVWDANAL" JVWSTA6 ERROR CONDITIONS CHECKED BY IATINJR
		1		JVWBYSTT	"X'01'" BYPASS IATXVFDB STT CHECK

Comment

```
-----------------------------------------------------------
JVWSTA7 --- DSP VALIDATION/RESTART MODULES STATUS INDICATORS
JVWSTA7 cannot be used to contain flags for job validation
errors because IATJVDR clears JVWSTA7 after a job
validation module gets control.
-----------------------------------------------------------
```

End of Comment

219	(DB)	BITSTRING	1	JVWSTA7	
		1...		JVWVRR	"X'80'" DSP VALIDATION/RESTART RECURSION FLAG
		.1..		JVWXGRQ	"X'40'" RQ BUILT BY DSP VALIDATION /RESTART
		..1.		JVWUSECT	"X'20'" DSP USE COUNT UPDATED BY VALIDATION/RESTART
		...1		JVWSIJER	"X'10'" A severe error occurred in initial job spool validation processing (in DMJVIJOB)

Comment

```
-----------------------------------------------------------
JVWSTA8 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 8
-----------------------------------------------------------
```

End of Comment

220	(DC)	BITSTRING	1	JVWSTA8	
		1...		JVWSPIN	"X'80'" JDS entry has unprocessed Spinoff output
		.1..		JVWFNCIN	"X'40'" The job is using a function from a higher release of JES3 that is incompatible with this release
		..1.		JVWS8X20	"X'20'" Reserved
		...1		JVWS8X10	"X'10'" Reserved
		.... 1...		JVWS8X08	"X'08'" Reserved

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		JVWS8X04	"X'04'" Reserved
		.... ..1.		JVWS8X02	"X'02'" Reserved
		1		JVWS8X01	"X'01'" Reserved
220	(DC)	X'40'	0	JVWST8ER	"JVWFNCIN" JVWSTA8 error conditions checked by IATINJR

Comment

```
-----------------------------------------------------------
JVWFUNC --- JOB VALIDATION/RESTART CURRENT FUNCTION
-----------------------------------------------------------
```

End of Comment

221	(DD)	BITSTRING	1	JVWFUNC	
221	(DD)	X'1'	0	JVWFJCT	"1" JCT fixed segment validation
221	(DD)	X'2'	0	JVWFJCTE	"JVWFJCT+1" JCT S.E. entry validation
221	(DD)	X'3'	0	JVWFJSTA	"JVWFJCTE+1" JCT status
221	(DD)	X'4'	0	JVWFIJOB	"JVWFJSTA+1" Initial job spool space validation (IATDMJV)
221	(DD)	X'5'	0	JVWFCBIO	"JVWFIJOB+1" Initiate control block I/O processing
221	(DD)	X'6'	0	JVWFVJOB	"JVWFCBIO+1" Spool space validation (IATDMJV)
221	(DD)	X'7'	0	JVWFJDA	"JVWFVJOB+1" JDAB fixed segment validation
221	(DD)	X'8'	0	JVWFJDAE	"JVWFJDA+1" JDAB S.E. entry validation
221	(DD)	X'9'	0	JVWFJMR	"JVWFJDAE+1" JMR validation
221	(DD)	X'A'	0	JVWFDSP	"JVWFJMR+1" JCT/JDAB S.E. DSP processing
221	(DD)	X'B'	0	JVWFDSPV	"JVWFDSP+1" DSP job validation module
221	(DD)	X'C'	0	JVWFVEND	"JVWFDSPV+1" Job validation cleanup
221	(DD)	X'D'	0	JVWFVICL	"JVWFVEND+1" IATXVIO CLEANUP processing
221	(DD)	X'E'	0	JVWFDONE	"JVWFVICL+1" Job validation complete
221	(DD)	X'D'	0	JVWFRTMX	"JVWFVICL" The highest function for which retry processing will be performed during recovery processing
222	(DE)	SIGNED	2	JVWRSVDU	RESERVED FOR USER

Comment

```
-----------------------------------------------------------
JVWVALPM --- DSP VALIDATION PARAMETER LIST. THESE FIELDS
          ARE SETUP PRIOR TO INVOKING A DSP VALIDATION
          MODULE (FOR A SPECIFIC JCT SE ENTRY).
-----------------------------------------------------------
```

End of Comment

224	(E0)	SIGNED	4	JVWVALPM (0)	START OF PARAMETERS
224	(E0)	ADDRESS	4	JVWACTSE	ADDR OF ACTIVE JCT SE ENTRY
228	(E4)	ADDRESS	4	JVWACTDE	ADDR OF ACTIVE DSP DICT. ENTRY
232	(E8)	ADDRESS	4	JVWJCTSE	ADDR OF JCT SE ENTRY FOR THIS DSP
236	(EC)	ADDRESS	4	JVWJDASE	ADDR OF JDAB SE ENTRY FOR THIS DSP. ZERO IF THE JDAB IS NOT AVAILABLE
240	(F0)	ADDRESS	4	JVWDSPAD	ADDR OF DSP DICTIONARY ENTRY
244	(F4)	CHARACTER	8	JVWDSPNM	DSP DICTIONARY NAME
252	(FC)	SIGNED	4	JVWDOCNT	COUNT OF JDS ENTRIES USING 0373 DYNAMIC OUTPUT 0373
256	(100)	SIGNED	4	JVWRSVD1	RESERVED FOR DEVELOPMENT 0373
260	(104)	SIGNED	4	JVWRSVS1 (2)	RESERVED FOR SERVICE
268	(10C)	SIGNED	4	JVWRSVU1 (2)	RESERVED FOR USER

Comment

```
-----------------------------------------------------------
   FILE DESCRIPTION BLOCKS USED DURING JOB VALIDATION
-----------------------------------------------------------
      IATYFDB TYPE=JBT WORK JBT FDB
```

End of Comment

276	(114)	SIGNED	4	(0)	FULLWORD ALIGNMENT
276	(114)	BITSTRING	28	JVWWKJBT (0)	START OF FDB BASIC SECTION

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
276	(114)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
282	(11A)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
285	(11D)	BITSTRING	3		RESERVED START OF JBT FDB EXTENSION
288	(120)	SIGNED	2		FDBRECCT - AVAIL RECORD COUNT
290	(122)	BITSTRING	6		FDBJTSPA - AVAIL RECORD ADDRESS
296	(128)	BITSTRING	4		FDBVALID - FILE VALIDATION TOKEN
300	(12C)	SIGNED	2		FDBSPNDX - PARTITION INDEX
302	(12E)	BITSTRING	2		FDBJTFLG/RESERVED

Comment

IATYFDB TYPE=JBT CURRENT JBT FDB

End of Comment

304	(130)	SIGNED	4	(0)	FULLWORD ALIGNMENT
304	(130)	BITSTRING	28	JVWCUJBT (0)	START OF FDB BASIC SECTION
304	(130)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
310	(136)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
313	(139)	BITSTRING	3		RESERVED START OF JBT FDB EXTENSION
316	(13C)	SIGNED	2		FDBRECCT - AVAIL RECORD COUNT
318	(13E)	BITSTRING	6		FDBJTSPA - AVAIL RECORD ADDRESS
324	(144)	BITSTRING	4		FDBVALID - FILE VALIDATION TOKEN
328	(148)	SIGNED	2		FDBSPNDX - PARTITION INDEX
330	(14A)	BITSTRING	2		FDBJTFLG/RESERVED

Comment

IATYFDB TYPE=SRF WORK SRF FDB

End of Comment

332	(14C)	SIGNED	4	(0)	FULLWORD ALIGNMENT
332	(14C)	BITSTRING	12	JVWWKFDB (0)	START OF FDB BASIC SECTION
332	(14C)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
338	(152)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
341	(155)	BITSTRING	3		RESERVED

Comment

IATYFDB TYPE=SRF WORK SRF FDB (SAVE OF CHAIN FDB)

End of Comment

344	(158)	SIGNED	4	(0)	FULLWORD ALIGNMENT
344	(158)	BITSTRING	12	JVWCHFDB (0)	START OF FDB BASIC SECTION
344	(158)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
350	(15E)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
353	(161)	BITSTRING	3		RESERVED

Comment

IATYFDB TYPE=SRF WORK SRF FDB RESERVED FOR USER

End of Comment

356	(164)	SIGNED	4	(0)	FULLWORD ALIGNMENT
356	(164)	BITSTRING	12	JVWWKUSR (0)	START OF FDB BASIC SECTION
356	(164)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
362	(16A)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
365	(16D)	BITSTRING	3		RESERVED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

				IATYFDB TYPE=SRF CHAIN SRF FDB RESERVED FOR USER	
				End of Comment	
368	(170)	SIGNED	4	(0)	FULLWORD ALIGNMENT
368	(170)	BITSTRING	12	JVWCHUSR (0)	START OF FDB BASIC SECTION
368	(170)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
374	(176)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
377	(179)	BITSTRING	3		RESERVED
				Comment	

				End of Comment	
380	(17C)	SIGNED	2	JVWREPEX (8)	EXTENT INDEX LIST FOR REPLACED EXTENTS
396	(18C)	SIGNED	2	JVWDELEX (8)	EXTENT INDEX LIST FOR DELETED EXTENTS
412	(19C)	SIGNED	2	JVWHLDEX (8)	EXTENT INDEX LIST FOR HELD EXTENTS
428	(1AC)	SIGNED	2	JVWUNVEX (8)	EXTENT INDEX LIST FOR UNAVAILABLE EXTENTS
				Comment	

				JVWVFDB --- IATXVFDB, IATXVSRV, AND IATXVTAT PARM LIST	

				IATXVFDB MF=L	
				$RM= RSTPERF HJS6604 951109 PD0DR: OS 2.4.0	
				End of Comment	
444	(1BC)	ADDRESS	4	JVWVFDB	FDB ADDRESS
448	(1C0)	ADDRESS	4		ADDRESS OF ROOT M.R
452	(1C4)	ADDRESS	4		DESCRIPTION ADDRESS
456	(1C8)	CHARACTER	4		SPOOL RECORD ID
456	(1C8)	X'10'	0	JVWVFDBL	"*-JVWVFDB" LENGTH OF JVWVFDB
				Comment	

				JVWJOUT --- IWASPOUT PARAMETER LIST CONSTRUCTION AREA.	

				End of Comment	
460	(1CC)	SIGNED	2	JVWJOUT (2)	QSAM BDW
464	(1D0)	SIGNED	2	JVWJOUTD (2)	QSAM RDW
468	(1D4)	CHARACTER	1	JVWJOUTC	CARRIAGE CONTROL CHARACTER
469	(1D5)	CHARACTER	120	JVWJOUTT	MESSAGE TEXT AREA
469	(1D5)	X'81'	0	JVWJOUTL	"*-JVWJOUT" LENGTH OF IWASPOUT BUILD AREA
				Comment	

				JVWWTO --- WTO PARAMETER LIST CONSTRUCTION AREA.	

				WTO MF=L	
				End of Comment	
592	(250)	SIGNED	4	JVWWTO (0)	
592	(250)	ADDRESS	2		TEXT LENGTH
594	(252)	BITSTRING	2		MCSFLAGS
596	(254)	CHARACTER	53		
612	(264)	X'7C'	0	JVWWTOL	"*-JVWWTO" LENGTH OF WTO PARM LIST

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- JVWCSS IS THE CSS WORK AREA ----------	
				End of Comment	
716	(2CC)	BITSTRING	1	JVWCSS	CSS PASSED TO IATDMCS
				Comment	
				---------- JVWGRAS --- GRAS_Parameter_List Construction area. ----------	
				End of Comment	
812	(32C)	SIGNED	4	(0)	
812	(32C)	BITSTRING	1	JVWGRAS	
812	(32C)	X'350'	0	JVWFEND	"*" END OF JOB RELATED DATA
812	(32C)	X'324'	0	JVWJOBDL	"JVWFEND-JVWJOBDT" LENGTH OF JOB RELATED DATA
812	(32C)	X'350'	0	JVWFSIZE	"JVWFEND-JVWSTART" LENGTH OF JVW FIXED AREA
				Comment	
				---------- JVW VARIABLE SECTION -- CONTAINS JDS SPOOL ADDRESS WORK AREA, JCT, AND SRV TABLE. ----------	
				End of Comment	
812	(32C)	X'1000'	0	JVWSIZE	"4096" TOTAL SIZE OF THE JVW

IATYJVW Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
JVWACPRG	D6	2	JVWDUPTK	D5	2
JVWACTCI	D6	8	JVWFCBIO	DD	5
JVWACTDE	E4		JVWFDONE	DD	E
JVWACTIV	D8	10	JVWFDSP	DD	A
JVWACTLC	DA	2	JVWFDSPV	DD	B
JVWACTMN	D6	10	JVWFEND	32C	350
JVWACTSE	E0		JVWFIJOB	DD	4
JVWBADNO	D9	80	JVWFJCT	DD	1
JVWBYSTT	DA	1	JVWFJCTE	DD	2
JVWCBERR	D5	80	JVWFJDA	DD	7
JVWCHFDB	158		JVWFJDAE	DD	8
JVWCHUSR	170		JVWFJMR	DD	9
JVWCONVD	20		JVWFJSTA	DD	3
JVWCSS	2CC	0	JVWFNCIN	DC	40
JVWCUJBT	130		JVWFRTMX	DD	D
JVWDANAL	DA	40	JVWFSIZE	32C	350
JVWDELET	DA	4	JVWFSSID	4C	
JVWDELEX	18C		JVWFUNC	DD	
JVWDELSP	D5	8	JVWFVEND	DD	C
JVWDJFDB	98		JVWFVICL	DD	D
JVWDOCNT	FC		JVWFVJOB	DD	6
JVWDSPAB	D5	1	JVWGRAS	32C	0
JVWDSPAD	F0		JVWHLDEX	19C	
JVWDSPNM	F4		JVWHLDSP	D6	40
JVWDSTCT	C8		JVWID	0	
JVWDUPID	D7	20	JVWIRAUP	D9	4
JVWDUPOT	D7	40	JVWISDRV	D7	80

IATYJVW Cross Reference

Name	Hex Offset	Hex Value
JVWJCFDB	54	
JVWJCT	60	
JVWJCTER	D6	1
JVWJCTIE	D7	4
JVWJCTNU	D7	1
JVWJCTSE	E8	
JVWJCTSZ	10	
JVWJCTUP	D7	8
JVWJCTVE	D7	2
JVWJCTWE	DA	80
JVWJDAB	70	
JVWJDASE	EC	
JVWJDATK	74	
JVWJDBUP	D9	40
JVWJDFDB	64	
JVWJDSCT	C6	
JVWJDSFR	C0	
JVWJDSTB	BC	
JVWJDSUP	D9	10
JVWJDTSZ	C4	
JVWJMFDB	78	
JVWJMR	84	
JVWJMRTK	88	
JVWJMRUP	D9	20
JVWJOBDL	32C	324
JVWJOBDT	2C	
JVWJOBID	34	
JVWJOBNM	2C	
JVWJOUT	1CC	
JVWJOUTC	1D4	
JVWJOUTD	1D0	
JVWJOUTL	1D5	81
JVWJOUTT	1D5	
JVWJQEAE	D9	2
JVWJQEX	B4	
JVWJSFDB	8C	
JVWJVDAD	4	
JVWMNTAT	DA	20
JVWMSGNA	D7	10
JVWMSGQ	3C	
JVWMSGQE	40	
JVWNEXT	8	
JVWOPJCL	D9	1
JVWOSEBY	D4	40
JVWOSERR	D9	8
JVWOSESO	DA	10
JVWPCRST	D4	80
JVWPREVD	D5	20
JVWRCEAD	B8	
JVWREADA	D8	40
JVWREADQ	D8	80
JVWREPEX	17C	
JVWREPSP	D5	10
JVWRESQ	B0	
JVWRETER	DA	8
JVWRSTFL	D4	
JVWRSVDU	DE	
JVWRSVD1	100	
JVWRSVS1	104	
JVWRSVU1	10C	
JVWRTFDB	A4	
JVWSECNT	12	
JVWSIJER	DB	10
JVWSIZE	32C	1000
JVWSNAPA	D8	1
JVWSNAPQ	D8	2
JVWSNPDN	D6	4
JVWSOMAR	D4	20
JVWSPERR	D5	4
JVWSPIN	DC	80
JVWSRVAD	C	
JVWSTART	0	
JVWSTA1	D5	
JVWSTA2	D6	
JVWSTA3	D7	
JVWSTA4	D8	
JVWSTA5	D9	
JVWSTA6	DA	
JVWSTA7	DB	
JVWSTA8	DC	
JVWST1ER	D5	FF
JVWST2ER	D6	2
JVWST3ER	D7	6
JVWST5ER	D9	8A
JVWST6ER	DA	C0
JVWST8ER	DC	40
JVWSYSTM	44	
JVWS8X01	DC	1
JVWS8X02	DC	2
JVWS8X04	DC	4
JVWS8X08	DC	8
JVWS8X10	DC	10
JVWS8X20	DC	20
JVWTATFR	CC	
JVWTATLS	D0	
JVWTERMA	D8	4
JVWTERMQ	D8	8
JVWUNJBT	D6	20
JVWUNVEX	1AC	
JVWUNVSP	D6	80
JVWUSECT	DB	20
JVWVALPM	E0	
JVWVFAIL	D5	40
JVWVFDB	1BC	
JVWVFDBL	1C8	10
JVWVRR	DB	80
JVWWAITQ	D8	20
JVWWKFDB	14C	
JVWWKJBT	114	
JVWWKUSR	164	
JVWWORK	28	
JVWWORKD	18	
JVWWTO	250	
JVWWTOL	264	7C
JVWXGRQ	DB	40

IATYLCA Heading Information

Common Name: Locate Communication Area
Macro ID: IATYLCA
DSECT Name: LCASTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: LCA
Offset: 4
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: STAGING AREA
Size: LCAHSIZE - Size of LCA Header
LCALCRSZ - Size of Locate Request LCA
LCAJCNSZ - Size of Job Cancel LCA
LCAJCCSZ - Size of Job Cancel Complete LCA
Created by: IATLVIN
Pointed to by: LDALRLCA IN IATYLDA
LDACNLCA IN IATYLDA
LDACCLCA IN IATYLDA
Serialization: NONE
Function: Provides mapping for the data area used to communicate between the global locate FCT and local locate FCT.

IATYLCA Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCASTART	, Locate Communication Area
0	(0)	SIGNED	2	LCASIZE	Size of LCA (Must be first half word for staging area routines)
2	(2)	SIGNED	2	LCAHRSDA	Reserved for Development
4	(4)	CHARACTER	4	LCAID	Control Block ID
8	(8)	ADDRESS	4	LCANEXT	Address of Next LCA on chain
12	(C)	BITSTRING	1	LCAVERSN	Version Number

Comment

Definition of LCAVERSN

End of Comment

12	(C)	X'1'	0	LCASP312	"1" LCA is at SP312 level 0398
12	(C)	X'1'	0	LCACURVN	"LCASP312" Current LCA version number 0249
13	(D)	BITSTRING	1	LCATYPE	Type of Communication

Comment

Definition of LCATYPE

End of Comment

13	(D)	X'1'	0	LCALOCRQ	"1" Locate Request (Global to Local)
13	(D)	X'2'	0	LCALCRSP	"2" Locate Response (Local to Global)
13	(D)	X'3'	0	LCACANCL	"3" Job Cancel Request (Global to Local)
13	(D)	X'4'	0	LCACNCMP	"4" Job Cancel Request Complete (Local to Global)
14	(E)	BITSTRING	1	LCAHFLG1	LCA Header Flag One

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- Definition of LCAHFLG1 ----------
				End of Comment	
		1...		LCARABND	"X'80'" Locate Request LCA caused a DM111 abend
		.1..		LCARH140	"X'40'" Reserved Flag
		..1.		LCARH120	"X'20'" Reserved Flag
		...1		LCARH110	"X'10'" Reserved Flag
		.... 1...		LCARH108	"X'08'" Reserved Flag
		.... .1..		LCARH104	"X'04'" Reserved Flag
		.... ..1.		LCARH102	"X'02'" Reserved Flag
		1		LCARH101	"X'01'" Reserved Flag
15	(F)	BITSTRING	1	LCAHRSDB	Reserved for Development
16	(10)	SIGNED	4	LCAHRSVD (2)	Reserved for Development
24	(18)	SIGNED	4	LCAHRSVS (2)	Reserved for Service
32	(20)	SIGNED	4	LCAHRSVU (2)	Reserved for User
40	(28)	SIGNED	4	LCAHEND (0)	End of LCA Header
40	(28)	X'28'	0	LCAHSIZE	"LCAHEND-LCASTART" Size of LCA Header
				Comment	
					Locate Communication Area Data Follows Format of Locate Request LCA
				End of Comment	
40	(28)	SIGNED	4	LCALCRST (0)	Locate Request LCA
40	(28)	SIGNED	4	LCARJBNO	Binary Job Number
44	(2C)	BITSTRING	6	LCALVSSP	LVS Spool Address
50	(32)	BITSTRING	6	LCASCHFS	SMS Scheduling Information Dataset First Spool Address
56	(38)	BITSTRING	6	LCASCHLS	SMS Scheduling Information Dataset Last Spool Address
62	(3E)	BITSTRING	6	LCAJOBFS	SMS Job Information Dataset First Spool Address
68	(44)	BITSTRING	112	LCARAB	Record Allocation Block (RAB)
180	(B4)	SIGNED	4	LCALCREN (0)	End of Locate Request LCA
180	(B4)	X'B4'	0	LCALCRSZ	"LCALCREN-LCASTART" Size of Locate Request LCA
				Comment	
					Format of Locate Response LCA
				End of Comment	
				Comment	
					---------- Locate Response (LRS) Data is variable size and mapped by macro IATYLRS. ----------
					Format of Job Cancel LCA
				End of Comment	
40	(28)	SIGNED	4	LCAJCNST (0)	Job Cancel LCA
40	(28)	SIGNED	4	LCAJJBNO	Binary Job Number
44	(2C)	SIGNED	4	LCAJCNEN (0)	End of Job Cancel LCA
44	(2C)	X'2C'	0	LCAJCNSZ	"LCAJCNEN-LCASTART" Size of Job Cancel LCA
				Comment	
					Format of Job Cancel Complete LCA
				End of Comment	

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
40	(28)	SIGNED	4	LCAJCCST (0)	Job Cancel Complete LCA
40	(28)	SIGNED	4	LCACJBNO	Binary Job Number
44	(2C)	SIGNED	4	LCAJCCEN (0)	End of Job Cancel Complete LCA
44	(2C)	X'2C'	0	LCAJCCSZ	"LCAJCCEN-LCASTART" Size of Job Cancel Complete LCA

IATYLCA Cross Reference

Name	Hex Offset	Hex Value
LCACANCL	D	3
LCACJBNO	28	0
LCACNCMP	D	4
LCACURVN	C	1
LCAHEND	28	
LCAHFLG1	E	0
LCAHRSDA	2	0
LCAHRSDB	F	0
LCAHRSVD	10	0
LCAHRSVS	18	0
LCAHRSVU	20	0
LCAHSIZE	28	28
LCAID	4	D3C3C140
LCAJCCEN	2C	
LCAJCCST	28	
LCAJCCSZ	2C	2C
LCAJCNEN	2C	
LCAJCNST	28	
LCAJCNSZ	2C	2C
LCAJJBNO	28	0
LCAJOBFS	3E	0
LCALCREN	B4	
LCALCRSP	D	2
LCALCRST	28	
LCALCRSZ	B4	B4
LCALOCRQ	D	1
LCALVSSP	2C	0
LCANEXT	8	
LCARAB	44	0
LCARABND	E	80
LCARH101	E	1
LCARH102	E	2
LCARH104	E	4
LCARH108	E	8
LCARH110	E	10
LCARH120	E	20
LCARH140	E	40
LCARJBNO	28	0
LCASCHFS	32	0
LCASCHLS	38	0
LCASIZE	0	0
LCASP312	C	1
LCASTART	0	
LCATYPE	D	0
LCAVERSN	C	0

IATYLCP Heading Information

Common Name: Locate Checkpoint Area
Macro ID: IATYLCP
DSECT Name: LCPMSTRT, LCPJSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: N/A
Auxiliary Storage: JSAM BUFFER JES3 SPOOL
Size: LCPHSIZE - Size of LCP Header
LCPMSIZE - Size of LCP Main Proc. Entry
LCPJSIZE - Size of LCP Job Entry
Created by: IATINLC
Pointed to by: LDALCPFD IN IATYLDA
CKLCPFDB IN CHECKPOINT DATA AREA
Serialization: None
Function: Defines the checkpoint job information for jobs that have been sent to a local processor for locate processing.

IATYLCP Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	LCPSTART	
0	(0)	BITSTRING	6	LCPTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	LCPCNT	USER COUNT.
8	(8)	CHARACTER	4	LCPID	FILE ID.
12	(C)	BITSTRING	12	LCPCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	LCPVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	LCPDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	4	LCPHRSVD (2)	Reserved for Development
36	(24)	SIGNED	4	LCPHRSVS (2)	Reserved for Service
44	(2C)	SIGNED	4	LCPHEND (0)	End of LCP Header
44	(2C)	X'2C'	0	LCPHSIZE	"LCPHEND-LCPSTART" Size of LCP Header

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	LCPMSTRT	, Locate Checkpoint Main Processor Entry
0	(0)	CHARACTER	8	LCPMPNAM	Main processor name
8	(8)	SIGNED	2	LCPMPNXT	Relative Offset (from the start of the LCP buffer) of the next LCP Main Processor Entry in this LCP Buffer
10	(A)	SIGNED	2	LCPJB1ST	Relative Offset (from the start of the LCP buffer) of the first allocated LCP Job Entry in this LCP Buffer
12	(C)	SIGNED	2	LCPFR1ST	Relative Offset (from the start of the LCP buffer) of the first free LCP Job Entry in this LCP buffer
14	(E)	SIGNED	2	LCPMRSVU	Reserved for user
16	(10)	SIGNED	4	LCPMRSVD (2)	Reserved for development
24	(18)	SIGNED	4	LCPMRSVS (2)	Reserved for service
32	(20)	SIGNED	4	LCPMEND (0)	End of LCP Main Proc. Entry
32	(20)	X'20'	0	LCPMSIZE	"LCPMEND-LCPMSTRT" Size of LCP Main Proc. Entry

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	LCPJSTRT	, Locate Checkpoint Job Entry
0	(0)	SIGNED	4	LCPJOBNO	Binary Job Number

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IATYLCP Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
4	(4)	SIGNED	2	LCPJBNXT	Relative Offset (from the start of the LCP buffer) of the next LCP Job Entry in this LCP buffer
6	(6)	SIGNED	2	LCPJRSVU	Reserved for user
8	(8)	SIGNED	4	LCPJRSVD (2)	Reserved for Development
16	(10)	SIGNED	4	LCPJRSVS (2)	Reserved for Service
24	(18)	SIGNED	4	LCPJEND (0)	End of LCP Job Entry
24	(18)	X'18'	0	LCPJSIZE	"LCPJEND-LCPJSTRT" Size of LCP Job Entry

IATYLCP Cross Reference

Name	Hex Offset	Hex Value
LCPCHN	C	0
LCPCNT	6	0
LCPDATA	1C	
LCPFR1ST	C	0
LCPHEND	2C	
LCPHRSVD	1C	0
LCPHRSVS	24	0
LCPHSIZE	2C	2C
LCPID	8	D3C3D740
LCPJBNXT	4	0
LCPJB1ST	A	0
LCPJEND	18	
LCPJOBNO	0	0
LCPJRSVD	8	0
LCPJRSVS	10	0
LCPJRSVU	6	0
LCPJSIZE	18	18
LCPJSTRT	0	
LCPMEND	20	
LCPMPNAM	0	40404040
LCPMPNXT	8	0
LCPMRSVD	10	0
LCPMRSVS	18	0
LCPMRSVU	E	0
LCPMSIZE	20	20
LCPMSTRT	0	
LCPSTART	0	
LCPTRK	0	0
LCPVLID	18	0

IATYLCR Heading Information

Common Name: Locate Restart Record
Macro ID: IATYLCR
DSECT Name: LCRSTART, LCRJSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: LCR
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 241
Auxiliary Storage: N/A
Size: LCRHSIZE - Size of Locate Restart Record Header
LCRJSIZE - Size of Locate Restart Record Job Entry
Created by: IATLVIN - Locate FCT Driver,
IATMSDR - START,MAINNAME,FLUSH Processing
Pointed to by: LDALCR IN IATYLDA
LCRNEXT IN IATYLCR
Serialization: None
Function: The LCR contains information about jobs active in Locate on a local processor during Main Connect processing. For Main processor flush (*START,MAINNAME,FLUSH), the LCR is contains information about the main that was flushed.

IATYLCR Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	LCRSTART	, Locate Restart Record Header
0	(0)	CHARACTER	4	LCRID	Control Block Id
4	(4)	SIGNED	2	LCRSIZE	Total size of LCR including the job entries
6	(6)	SIGNED	2	LCRJBCNT	Number of Locate Restart Record job entries
8	(8)	ADDRESS	4	LCRNEXT	Address of next Locate Restart Record
12	(C)	ADDRESS	4	LCRMPC	Address of Main Processor Control Table (in global processor only)
16	(10)	CHARACTER	8	LCRMAIN	Name of Main Processor being restarted
24	(18)	BITSTRING	1	LCRHFLG1	Locate Restart Record Flag One

Comment

Definition of LCRHFLG1

End of Comment

		1...		LCRMCONN	"X'80'" Main Connect LCR
		.1..		LCRMFLSH	"X'40'" Main Flush LCR
		..1.		LCRRFL20	"X'20'" Reserved Flag
		...1		LCRRFL10	"X'10'" Reserved Flag
		.... 1...		LCRRFL08	"X'08'" Reserved Flag
		.... .1..		LCRRFL04	"X'04'" Reserved Flag
		.... ..1.		LCRRFL02	"X'02'" Reserved Flag
		1		LCRRFL01	"X'01'" Reserved Flag
25	(19)	BITSTRING	3	LCRHRSVD	Reserved for Development
28	(1C)	SIGNED	4	LCRHEND (0)	End of Locate Restart Record Header
28	(1C)	X'1C'	0	LCRHSIZE	"LCRHEND-LCRSTART" Size of Locate Restart Record Header

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IATYLCR Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCRJSTRT	, Locate Restart Record Job Entry
0	(0)	SIGNED	4	LCRJOBNO	Job number of job active in Locate processing
4	(4)	SIGNED	4	LCRJRSVD	Reserved for Development
8	(8)	SIGNED	4	LCRJEND (0)	End of Locate Restart Record Job entry
8	(8)	X'8'	0	LCRJSIZE	"LCRJEND-LCRJSTRT" Size of Locate Restart Record Job entry
8	(8)	X'0'	0	LCRSUBPL	"0" Subpool for LCR

IATYLCR Cross Reference

Name	Hex Offset	Hex Value
LCRHEND	1C	
LCRHFLG1	18	0
LCRHRSVD	19	0
LCRHSIZE	1C	1C
LCRID	0	D3C3D940
LCRJBCNT	6	0
LCRJEND	8	
LCRJOBNO	0	0
LCRJRSVD	4	0
LCRJSIZE	8	8
LCRJSTRT	0	
LCRMAIN	10	40404040
LCRMCONN	18	80
LCRMFLSH	18	40
LCRMPC	C	
LCRNEXT	8	
LCRRFL01	18	1
LCRRFL02	18	2
LCRRFL04	18	4
LCRRFL08	18	8
LCRRFL10	18	10
LCRRFL20	18	20
LCRSIZE	4	0
LCRSTART	0	
LCRSUBPL	8	0

IATYLCT Heading Information

Common Name: Locate Control Table
Macro ID: IATYLCT
DSECT Name: LCTMSTRT, LCTSTART, LCTATPRM
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MLCT
Offset: 0
Length: 4
Storage Attributes: Main Storage: Subpool 0
Auxiliary Storage: N/A
Size: LCTMSIZE (for LCTMSTRT),
LCTSIZE (for LCTSTART)
LCTATSIZ (for LCTATPRM)
Created by: IATLVAT - Locate Subtask Maintenance
IATLVMT - Locate Master Task
Pointed to by: LCTNEXT IN IATYLCT
LCTATLCT IN IATYLCT
LDAMLCT IN IATYLDA
LDALCT IN IATYLDA
Serialization: NONE
Function: The LCT contains data used by each Locate subtask. It is also used by the Locate FCT to communicate with each Locate subtask.

IATYLCT Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	LCTMSTRT	, Master Locate Control Table
0	(0)	CHARACTER	4	LCTMID	Control Block Id
4	(4)	SIGNED	4	LCTMECB	Master Task ECB
8	(8)	ADDRESS	4	LCTMTCB	Locate Master Task TCB
12	(C)	ADDRESS	4	LCTMTVT	Transfer Vector Table (TVT) address
16	(10)	ADDRESS	4	LCTATLCT	LCT for the subtask that is being attached
20	(14)	ADDRESS	4	LCTAD4F4	IEFAB4F4 entry point
24	(18)	ADDRESS	4	LCTAD4F5	IEFAB4F5 entry point
28	(1C)	BITSTRING	1	LCTMFLG1	Master LCT Flag One

Comment

Definition of LCTMFLG1

End of Comment

		1...		LCTATCMP	"X'80'" Locate Subtask Attach Complete
		.1..		LCTANCMP	"X'40'" Locate Subtask Attach not successfully completed
		..1.		LCTMABND	"X'20'" Locate Master Task Abend
		...1		LCTMINIT	"X'10'" Locate Master Task Initialization Complete
		.... 1...		LCTESTEN	"X'08'" ESTAE entered (reset after a successful ATTACH has been performed)
		.... .1..		LCTETXPR	"X'04'" ETXR processing being performed
		.... ..1.		LCTATTPR	"X'02'" ATTACH processing being performed
		1		LCTRF101	"X'01'" Reserved flag
29	(1D)	BITSTRING	3	LCTMRSVD	Reserved for development

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					Parameter Lists for the Locate Master Task Note: The storage for the parameter lists must be reinitialized prior to use since they occupy the same location in storage.
					End of Comment
32	(20)	SIGNED	4	LCTMPARM (0)	Start of parameter lists
					Comment
					---------- ATTACH Parameter List ---------- LCTMATTA ATTACH SF=L ATTACH parameter list MACDATE 11/11/91
					End of Comment
32	(20)	SIGNED	4	LCTMATTA (0)	
32	(20)	ADDRESS	4		DE OR EPLOC ADDRESS
36	(24)	ADDRESS	4		DCB ADDRESS
40	(28)	ADDRESS	4		NEW FORMAT + ECB ADDR
44	(2C)	ADDRESS	4		GSPL OR GSPV
48	(30)	ADDRESS	4		SHSPV OR SHSPL
52	(34)	ADDRESS	4		EXIT ROUTINE ADDRESS
56	(38)	ADDRESS	2		DPMOD VALUE
58	(3A)	ADDRESS	1		LPMOD VALUE
59	(3B)	ADDRESS	1		STATUS BYTE
60	(3C)	ADDRESS	4	(2)	EP NAME SPACE
68	(44)	ADDRESS	4		ADDRESS OF JSCB
72	(48)	ADDRESS	4		(E)STAI PARM LIST
76	(4C)	ADDRESS	4		EXIT ADDRESS
80	(50)	ADDRESS	4		TASKLIB
84	(54)	ADDRESS	1		FLAG BYTE
85	(55)	ADDRESS	1		TASK ID
86	(56)	ADDRESS	2		PARM LIST LENGTH
88	(58)	ADDRESS	4		SUBPOOL LIST ADDRESS/VALUE
92	(5C)	ADDRESS	1		SET FLAGS
93	(5D)	ADDRESS	1		SET UP FORMAT NUMBER
94	(5E)	BITSTRING	10		RESERVED BYTES FOR FUTURE
94	(5E)	X'48'	0	LCTMATSZ	"*-LCTMATTA" Size of ATTACH parameter list
					Comment
					---------- ESTAE Parameter List ----------
					End of Comment
					Comment
					LCTMESTA ESTAE MF=L ESTAE parameter list MACDATE 10/01/94
					End of Comment
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	1	LCTMESTA	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
33	(21)	ADDRESS	3		FIELD NO LONGER USED
36	(24)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
40	(28)	ADDRESS	4		TCB NOT SPECIFIED
44	(2C)	ADDRESS	1		FLAGS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
45	(2D)	ADDRESS	1		THIRD FLAG BYTE
46	(2E)	ADDRESS	2		RESERVED
48	(30)	ADDRESS	4		TOKEN VALUE AREA
52	(34)	ADDRESS	4		EXIT ADDR NOT SPECD
52	(34)	X'18'	0	LCTMESSZ	"*-LCTMESTA" Size of ESTAE parameter list

Comment

```
-----------------------------------------------------------
      SDUMP Parameter List
-----------------------------------------------------------
```

End of Comment

Comment

LCTMSDMP SDUMP MF=L SDUMP parameter list

End of Comment

32	(20)	SIGNED	4	LCTMSDMP (0)	SDUMP PARAMETER LIST
32	(20)	ADDRESS	1		FLAG BYTE
33	(21)	ADDRESS	1		FLAG BYTE
34	(22)	ADDRESS	1		FLAG BYTE
35	(23)	ADDRESS	1		FLAG BYTE
36	(24)	ADDRESS	4		ADDRESS OF DCB
40	(28)	ADDRESS	4		ADDRESS OF STORAGE LIST
44	(2C)	ADDRESS	4		ADDRESS OF USER DATA
48	(30)	ADDRESS	4		ADDRESS OF ECB/SRB
52	(34)	ADDRESS	2		CURRENT ASID
54	(36)	ADDRESS	2		OTHER ASID
56	(38)	ADDRESS	4		ADDRESS OF ASID LIST
60	(3C)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
64	(40)	ADDRESS	4		RESERVED
68	(44)	ADDRESS	4		RESERVED
68	(44)	X'28'	0	LCTMSDSZ	"*-LCTMSDMP" Size of SDUMP parameter list
104	(68)	SIGNED	4	LCTMEND (0)	End of Master Locate Control Table
104	(68)	X'68'	0	LCTMSIZE	"LCTMEND-LCTMSTRT" Size of Master Locate Control Table

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCTSTART	, Locate Control Table
0	(0)	CHARACTER	4	LCTID	Control Block Identifier
4	(4)	ADDRESS	4	LCTNEXT	Address of next LCT in chain
8	(8)	ADDRESS	4	LCTMODEP	Module IATLVLC entry point, used for debugging purposes only
12	(C)	SIGNED	4	LCTRESVD (3)	Reserved for Development

Comment

Control Blocks (non spool related)

End of Comment

24	(18)	ADDRESS	4	LCTTVT	TVT address for subtask
28	(1C)	ADDRESS	4	LCTLET	Locate Entrance Table (LET) address of current request being processed
32	(20)	ADDRESS	4	LCTTCB	Locate Subtask TCB address
36	(24)	ADDRESS	4	LCTJSCB	Locate Subtask JSCB address Note: this is the address of the JSCB storage, not the JSCB prefix. To address the JSCB prefix, use TCBJSCBB.
40	(28)	ADDRESS	4	LCTSEL	Service Entrance List address for SSISERV (Local Locate subtask only)
44	(2C)	ADDRESS	4	LCTSSIPM	Parameter list for SSI requests
48	(30)	ADDRESS	4	LCTSSOB	Subsystem Option Block (SSOB)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
52	(34)	ADDRESS	4	LCTCSSSA	SSOB Extension (SSSA) for SMS Catalog Services
56	(38)	ADDRESS	4	LCTVSSSA	SSOB Extension (SSSA) for SMS VOLREF Services
60	(3C)	ADDRESS	4	LCTUVR	Unit Verification parameter list address

Comment

Control Blocks (Spool related)

End of Comment

64	(40)	ADDRESS	4	LCTBLK	Block Spooler parameter list (BLK) address
68	(44)	ADDRESS	4	LCTRAB	Record Allocation Block (RAB) address of current request being processed
72	(48)	ADDRESS	4	LCTSCACB	Access Method Control Block (ACB) address for the SMS Scheduling Information Dataset
76	(4C)	ADDRESS	4	LCTJBACB	Access Method Control Block (ACB) address for the SMS Job Information Dataset
80	(50)	ADDRESS	4	LCTSCRPL	Request Parameter List (RPL) address for the SMS Scheduling Information Dataset
84	(54)	ADDRESS	4	LCTJBRPL	Request Parameter List (RPL) address for the SMS Job Information Dataset
88	(58)	ADDRESS	4	LCTSCDSS	Dataset Status Block (DSS) address for the SMS Scheduling Information Dataset
92	(5C)	ADDRESS	4	LCTJBDSS	Dataset Status Block (DSS) address for the SMS Job Information Dataset
96	(60)	ADDRESS	4	LCTSCDEB	Data Extent Block (DEB) address for the SMS Scheduling Information Dataset
100	(64)	ADDRESS	4	LCTJBDEB	Data Extent Block (DEB) address for the SMS Job Information Dataset
104	(68)	ADDRESS	4	LCTSCSDM	Spool Data Management Parameter (SDM) address for SMS Scheduling Info. Dataset
108	(6C)	ADDRESS	4	LCTJBSDM	Spool Data Management Parameter (SDM) address for SMS Job Information Dataset
112	(70)	ADDRESS	4	LCTSPAFS	JES3 Spool Access Facility Parameter List for SMS Scheduling Information Dataset
116	(74)	ADDRESS	4	LCTSPAFJ	JES3 Spool Access Facility Parameter List for SMS Job Information Dataset

Comment

Locate Response Related Data

End of Comment

120	(78)	ADDRESS	4	LCTLRSWK	Locate Response Work Area (Used to create LRS's)
124	(7C)	ADDRESS	4	LCTLRS	Locate Response (LRS) address (Global Locate subtask only)
128	(80)	ADDRESS	4	LCTLRSLA	Last Locate Response (LRS) in chain of LRS's (Global Locate subtask only)
132	(84)	ADDRESS	4	LCTCRLRS	Address of the current LRS Fixed or Data entry in the current LRS buffer. It is set to zero when a new LRS buffer is initialized
136	(88)	ADDRESS	4	LCTFXLRS	Address of the current LRS Fixed entry in the current LRS buffer. It is set to zero when a new LRS buffer is initialized
140	(8C)	ADDRESS	4	LCTFRESP	Address of next free space in the LRS Work Area to allocate a new LRS Fixed or LRS Data entry
144	(90)	SIGNED	2	LCTLRSSQ	Locate Response Staging Area sequence number
146	(92)	SIGNED	2	LCTMXRSZ	Maximum LRS size
148	(94)	SIGNED	2	LCTAMTLF	Amount of room left in LRS Work Area to allocate new LRS entries
150	(96)	SIGNED	2	LCTLRSVD	Reserved for Development

Comment

Locate Request Table (LVS) Related Information

End of Comment

152	(98)	ADDRESS	4	LCTLVS	Locate Request (LVS) address (in storage buffers)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
156	(9C)	ADDRESS	4	LCTLALVS	Last LVS buffer accessed
160	(A0)	SIGNED	4	LCTLVCID	LVS Cellpool Identifier Note: This cellpool is also used for the SMS Job Information dataset
164	(A4)	SIGNED	2	LCTNXCAT	Relative LVS number of the next Catalog LVS entry
166	(A6)	SIGNED	2	LCTNXDSN	Relative LVS number of the next Dataset LVS entry
168	(A8)	SIGNED	2	LCTCRLVS	Relative LVS number of the current LVS entry
170	(AA)	SIGNED	2	LCTLVRSD	Reserved for Development

Comment

Catalog Management Related Data

End of Comment

172	(AC)	ADDRESS	4	LCTCTGPL	Catalog Parameter List (CTGPL) address
176	(B0)	ADDRESS	4	LCTCTGP2	Second Catalog Parameter List (CTGPL) address
180	(B4)	ADDRESS	4	LCTCTGWA	Catalog Work Area (CTGWA) address
184	(B8)	ADDRESS	4	LCTCTGW2	Second Catalog Work Area (CTGWA) address
188	(BC)	ADDRESS	4	LCTPCTVL	Preallocated Catalog Volume List (CTGVL) address
192	(C0)	ADDRESS	4	LCTPCTV2	Second Preallocated Catalog Volume List (CTGVL) address
196	(C4)	ADDRESS	4	LCTGCTVL	GETMAINed Catalog Volume List (CTGVL) address
200	(C8)	ADDRESS	4	LCTGCTV2	Second GETMAINed Catalog Volume List (CTGVL) address
204	(CC)	ADDRESS	4	LCTCTGCV	Catalog Control Volume List (CTGCV) address
208	(D0)	ADDRESS	4	LCTCTGC2	Second Catalog Control Volume List (CTGCV) address
212	(D4)	ADDRESS	4	LCTCTGFL	Catalog Field Parameter List (CTGFL) address
216	(D8)	SIGNED	2	LCTCVSZ1	Size of First GETMAINed Catalog Volume List
218	(DA)	SIGNED	2	LCTCVSZ2	Size of Second GETMAINed Catalog Volume List
220	(DC)	BITSTRING	14	LCTCLU (8)	Catalog Locate Unit Work Area (CLU) - large enough to contain 8 unit types
220	(DC)	X'70'	0	LCTCLUSZ	"*-LCTCLU" Size of CLU

Comment

Catalog Allocation/Unallocation Work Area

End of Comment

332	(14C)	ADDRESS	4	LCTALLOC	Catalog Allocate Parameter List address
336	(150)	ADDRESS	4	LCTUNALC	Catalog Unallocate Parameter List address
340	(154)	SIGNED	2	LCTDVIDX	Device index for allocation of user catalogs
342	(156)	SIGNED	2	LCTVTIDX	Locate Subtask Vector Table (LSVT) index.
344	(158)	CHARACTER	8	LCTDDNAM	DDNAME used to allocate | | user catalogs: | ----------> LDADDCNT in printable hex ----------> Characters "J3"
344	(158)	X'15A'	0	LCTDDNUM	"LCTDDNAM+2,6" Number portion of DDNAME

Comment

Routine Addresses

End of Comment

352	(160)	ADDRESS	4	LCTCETXR	Common ETXR Entry Point (within IATLVMT)
356	(164)	ADDRESS	4	LCTAB4F4	IEFAB4F4 Entry Point
360	(168)	ADDRESS	4	LCTAB4F5	IEFAB4F5 Entry Point

Comment

Spool Addresses

End of Comment

364	(16C)	BITSTRING	6	LCTLVSFS	LVS First Spool address
370	(172)	BITSTRING	6	LCTSCHFS	SMS Scheduling Information Dataset First Spool address
376	(178)	BITSTRING	6	LCTSCHLS	SMS Scheduling Information Dataset Last Spool address
382	(17E)	BITSTRING	6	LCTJOBFS	SMS Job Information Dataset First Spool address
388	(184)	BITSTRING	1	LCTRSPAD	Reserved for spool address

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					Save Areas
					End of Comment
396	(18C)	SIGNED	4	LCTSAVE (18)	Save Area
468	(1D4)	SIGNED	4	LCTSPSSV (18)	Save Area for SPAF used for SMS Scheduling Information Dataset
540	(21C)	SIGNED	4	LCTSPJSV (18)	Save Area for SPAF used for SMS Job Information Dataset
					Comment
					---------- IATLVLC Save Area Chaining Control Area Each save area consists of the following: (1) Pointer to next free or previous allocated save area (2) Caller's return address (3) Called subroutine entry point 0 (4) Caller's registers R2 thru R10 0 The LVLCLINK macro in IATLVLC is used to establish entry and exit linkage for a called subroutine. Initially, the LVLCLINK macro must be invoked to initialize the save area chains and to establish LCTFRSAV as the pointer to the first free save area. ----------
					End of Comment
612	(264)	ADDRESS	4	LCTALSAV	Address of first allocated save area
616	(268)	ADDRESS	4	LCTFRSAV	Address of first free save area
620	(26C)	ADDRESS	4	LCTSAVWK	Work area for LVLCLINK macro (used to save register one)
624	(270)	BITSTRING	48	LCTRGSV1	Save area one 0595
672	(2A0)	BITSTRING	48	LCTRGSV2	Save area two 0595
720	(2D0)	BITSTRING	48	LCTRGSV3	Save area three 0595
768	(300)	BITSTRING	48	LCTRGSV4	Save area four 0595
816	(330)	BITSTRING	1	LCTRGSV5	Save area five 0595
					Comment
					Event Control Blocks (ECBs)
					End of Comment
864	(360)	SIGNED	4	LCTECB	Locate subtask ECB
868	(364)	SIGNED	4	LCTATECB	ECB used by Locate Master task to wait for Locate subtask ATTACH completion
					Comment
					Miscellaneous Data
					End of Comment
872	(368)	DBL WORD	8	LCTUSETM	Time of last use (from STCK instruction)
872	(368)	X'368'	0	LCTUSET	"LCTUSETM,4" Usable portion of LCTUSETM
880	(370)	SIGNED	4	LCTJOBNO	Job number of the job currently being processed
884	(374)	SIGNED	4	LCTLOCNT	Number of Locate requests performed by this subtask
888	(378)	SIGNED	2	LCTGENCT	Number of generations currently existing in GDG
890	(37A)	BITSTRING	1	LCTGDGLM	Maximum number of generations allowed in GDG (GDG Limit)
891	(37B)	CHARACTER	44	LCTDSNSV	Dataset name save area. Contains referenced dataset for a VOL=REF request.
935	(3A7)	CHARACTER	44	LCTDSNS2	Dataset name save area for referencing dataset for a VOL=REF request.
979	(3D3)	BITSTRING	1	LCTMISCR	Reserved for Development
980	(3D4)	SIGNED	4	LCTWORK (3)	Miscellaneous Work Area

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

		GDG Work Area			

				End of Comment	
992	(3E0)	SIGNED	4	LCTPKGEN	Current generation number being processed (in packed decimal)
996	(3E4)	CHARACTER	2	LCTGENWK	Start of generation work area
998	(3E6)	CHARACTER	3	LCTGENNO	Generation number (EBCDIC)
1001	(3E9)	CHARACTER	2	LCTGENEN	End of generation work area
1001	(3E9)	X'7'	0	LCTGENSZ	"*-LCTGENWK" Size of generation work area
				Comment	
		Flags			
				End of Comment	
1003	(3EB)	BITSTRING	1	LCTFLAG1	Flag Byte One
				Comment	

		Definition of LCTFLAG1			

				End of Comment	
		1...		LCTBUSY	"X'80'" Subtask is busy
		.1..		LCTMSCAT	"X'40'" Private catalog being allocated is an MSS catalog
		..1.		LCTGDGAL	"X'20'" GDG-all processing
		...1		LCTSPECU	"X'10'" Special unit count assignment needs to be done
		.... 1...		LCTSMSDS	"X'08'" The current dataset is an SMS managed dataset
		.... .1..		LCTTERMC	"X'04'" Locate Subtask Termination Complete - set by ETXR
		.... ..1.		LCTABEND	"X'02'" Locate Subtask abended
		1		LCTFINIS	"X'01'" Subtask finished with current request - used by local Locate FCT to determine which subtask completed
1004	(3EC)	BITSTRING	1	LCTFLAG2	Flag Byte Two
				Comment	

		Definition of LCTFLAG2			

				End of Comment	
		1...		LCTLLRSB	"X'80'" Last LRS buffer being sent
		.1..		LCTLOCRQ	"X'40'" A Locate request needs to be processed
		..1.		LCTNRMTM	"X'20'" Normal termination request
		...1		LCTNODMP	"X'10'" Don't take SDUMP in ESTAE
		.... 1...		LCTLSTFX	"X'08'" Last LRS entry created was a LRS Fixed entry (as opposed to an LRS Data entry)
		.... .1..		LCTSDSN	"X'04'" Single dataset name Locate request by a DSP
		.... ..1.		LCTOCVOL	"X'02'" Catalog being processed is an OS CVOL. Do not open this catalog (used by the LCALLOC routine).
		1		LCTRF201	"X'01'" Reserved Flag
1005	(3ED)	BITSTRING	1	LCTFLAG3	Flag Byte Three

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- Definition of LCTFLAG3 ----------
				End of Comment	
		1...		LCTRF380	"X'80'" Reserved Flag
		.1..		LCTRF340	"X'40'" Reserved Flag
		..1.		LCTRF320	"X'20'" Reserved Flag
		...1		LCTRF310	"X'10'" Reserved Flag
		.... 1...		LCTRF308	"X'08'" Reserved Flag
		.... .1..		LCTRF304	"X'04'" Reserved Flag
		.... ..1.		LCTRF302	"X'02'" Reserved Flag
		1		LCTRF301	"X'01'" Reserved Flag
				Comment	
					Parameter Lists for the Locate Subtask Note: The storage for the parameter lists must be reinitialized prior to use since they occupy the same location in storage.
				End of Comment	
1008	(3F0)	SIGNED	4	LCTSPARM (0)	Start of parameter lists
				Comment	
					---------- Parameter List passed to Initialize Catalog Management Control Blocks Routine (LCINITCM). ----------
				End of Comment	
1008	(3F0)	SIGNED	4	LCTINITC (8)	Init. Catalog Management Control Blocks Parmlist
				Comment	
					---------- CPOOL Parameter List ----------
				End of Comment	
				Comment	
					LCTCPP CPOOL BUILD,MF=L MVS Cellpool parameter list
				End of Comment	
1008	(3F0)	SIGNED	2	LCTCPP (0)	
1008	(3F0)	ADDRESS	4		.PRIMARY CELL COUNT
1012	(3F4)	ADDRESS	4		.SECONDARY CELL COUNT
1016	(3F8)	ADDRESS	4		.CELL SIZE
1020	(3FC)	ADDRESS	1		.SUBPOOL ID
1021	(3FD)	ADDRESS	1		.KEY
1022	(3FE)	BITSTRING	2		
1024	(400)	ADDRESS	4		.TCB ADDRESS
1028	(404)	BITSTRING	24		.HEADER
1028	(404)	X'2C'	0	LCTCPPSZ	"*-LCTCPP" Size of CPOOL parameter list

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Comment

					DEQ Parameter List

					End of Comment
					Comment
					LCTDEQ DEQ (,,,), DEQ parameter list
					MF=L
					MACRO-DATE = 01/17/01
					End of Comment
1008	(3F0)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
1008	(3F0)	X'3F0'	0	LCTDEQ	"*" X02113
1008	(3F0)	ADDRESS	1		PELLAST flag byte. X02113
1009	(3F1)	ADDRESS	1		PELMILEN - RNAME length.
1010	(3F2)	BITSTRING	1		
					Comment
					PELFLAG - flag byte 2.
					End of Comment
1011	(3F3)	ADDRESS	1		PELRET - return code byte.
1012	(3F4)	ADDRESS	4		QNAME ADDRESS
1016	(3F8)	ADDRESS	4		RNAME ADDRESS
1016	(3F8)	X'C'	0	LCTDEQSZ	"*-LCTDEQ" Size of DEQ parameter list
					Comment

					ENQ Parameter List

					End of Comment
					Comment
					LCTENQ ENQ (,,,,), ENQ parameter list
					MF=L
					MACRO-DATE = 01/30/01
					End of Comment
1008	(3F0)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
1008	(3F0)	X'3F0'	0	LCTENQ	"*" X02113
1008	(3F0)	ADDRESS	1		PELLAST flag byte. X02113
1009	(3F1)	ADDRESS	1		PELMILEN - RNAME length.
1010	(3F2)	BITSTRING	1		
					Comment
					PELFLAG - flag byte 2.
					End of Comment
1011	(3F3)	ADDRESS	1		PELRET - return code byte.
1012	(3F4)	ADDRESS	4		QNAME ADDRESS
1016	(3F8)	ADDRESS	4		RNAME ADDRESS
1016	(3F8)	X'C'	0	LCTENQSZ	"*-LCTENQ" Size of ENQ parameter list

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

```
-----------------------------------------------------------
      ESTAE Parameter LIST
-----------------------------------------------------------
```

End of Comment

Comment

```
LCTESTAE ESTAE MF=L ESTAE parameter list
   MACDATE 10/01/94
```

End of Comment

1008	(3F0)	SIGNED	4	(0)	
1008	(3F0)	ADDRESS	1	LCTESTAE	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
1009	(3F1)	ADDRESS	3		FIELD NO LONGER USED
1012	(3F4)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
1016	(3F8)	ADDRESS	4		TCB NOT SPECIFIED
1020	(3FC)	ADDRESS	1		FLAGS
1021	(3FD)	ADDRESS	1		THIRD FLAG BYTE
1022	(3FE)	ADDRESS	2		RESERVED
1024	(400)	ADDRESS	4		TOKEN VALUE AREA
1028	(404)	ADDRESS	4		EXIT ADDR NOT SPECD
1028	(404)	X'18'	0	LCTESTSZ	"*-LCTESTAE" Size of ESTAE parameter list

Comment

```
-----------------------------------------------------------
      WTO Parameter List for Message IAT4350.
-----------------------------------------------------------
```

End of Comment

Comment

```
LCTWTO WTO 'IAT4350 CALLING SEQUENCE: IATLVLC,ROUTINE2,ROUTINE3,ROU
          TINE4,ROUTINE5,ROUTINE6',
          ROUTCDE=2,
          DESC=4,
          MF=L
```

End of Comment

1008	(3F0)	SIGNED	4	LCTWTO (0)	
1008	(3F0)	ADDRESS	2		TEXT LENGTH
1010	(3F2)	BITSTRING	2		MCSFLAGS
1012	(3F4)	CHARACTER	53		
1090	(442)	BITSTRING	2		DESCRIPTOR CODES
1092	(444)	BITSTRING	2		ROUTING CODES
1092	(444)	X'56'	0	LCTWTOSZ	"*-LCTWTO" Size of WTO parameter list

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment

Subtask ETXR - This routine is entered after the subtask terminates. It is responsible for setting up the proper registers, and branching to the common ETXR routine in module IATLVMT to perform cleanup.
Registers on Entry:
R0 - Control Program information
R1 - TCB address of the task that terminated
R2-12 - Unpredictable
R13 - Control Program save area address
R14 - Return address to the Control Program
R15 - ETXR routine entry point
Registers on Exit:
R0 - Unchanged
R1 - Locate subtask LCT address
R2-14 - Unchanged
R15 - Common ETXR entry point
Note: The ETXR saves the control program registers in the save area provided by the Control Program. They are restored by the Common ETXR in IATLVMT.

					End of Comment
1094	(446)	SIGNED	2	LCTETXR (0)	Locate Subtask ETXR
0	(0)	X'E'	0	LCTEXSZ	"*-LCTETXR" Size of subtask ETXR
1108	(454)	ADDRESS	4	LCTSELF	Address of subtask LCT
1112	(458)	DBL WORD	8	LCTEND (0)	End of Locate Control Table
1112	(458)	X'458'	0	LCTSIZE	"LCTEND-LCTSTART" Size of Locate Control Table
					Comment

Miscellaneous Equates

					End of Comment
1112	(458)	X'3'	0	LCTLVSPX	"3" Number of LVS buffers in primary extent
1112	(458)	X'3'	0	LCTLVSSX	"3" Number of LVS buffers in secondary extent
1112	(458)	X'200'	0	LCTVOLEN	"512" Standard Catalog Volume List (CTGVL) size
1112	(458)	X'800'	0	LCTGLWSZ	"2048" Size of LRS Work Area for JES3 Global Locate subtask
1112	(458)	X'800'	0	LCTCFWSZ	"2048" Size of LRS Work Area for C/I FSS Locate subtask
1112	(458)	X'0'	0	LCTLRDAT	"0" Request for LRS Data entry (LCGETLRS subroutine)
1112	(458)	X'4'	0	LCTLRFIX	"4" Request for LRS Fixed entry (LCGETLRS subroutine)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCTATPRM	IATLVAT Parameters
0	(0)	SIGNED	2	LCTSUBCT	Number of Subtasks to Process
2	(2)	SIGNED	2	LCTATRSH	Reserved for Developement
4	(4)	ADDRESS	4	LCTADLCT	Locate Subtask LCT Address
8	(8)	SIGNED	4	LCTATRSF	Reserved for Developement
12	(C)	BITSTRING	1	LCTATEND (0)	End of Parameter List
12	(C)	X'C'	0	LCTATSIZ	"*-LCTATPRM" Size of Parameter List
					Comment

IATLVAT Function Codes

					End of Comment
12	(C)	X'0'	0	LCTAINIT	"0" Initialize one or more Locate subtasks
12	(C)	X'4'	0	LCTREINS	"4" Reinstate a Locate subtask
12	(C)	X'8'	0	LCTATERM	"8" Abnormally terminate a Locate subtask

IATYLCT Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
12	(C)	X'C'	0	LCTNTERM	"12" Normally terminate a Locate subtask
12	(C)	X'C'	0	LCTAMXEN	"12" Maximum Entry Reason

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCSAVE	, IATLVLC Save Area 0595
0	(0)	ADDRESS	4	LCSAVCHN	Pointer to next free save 0595 area (if on the free save 0595 area chain) or the previous 0595 allocated save area (if on 0595 allocated save area chain) 0595 0595
4	(4)	ADDRESS	4	LCSAVRTN	Return address of caller 0595
8	(8)	ADDRESS	4	LCSAVREP	Entry point of called 0595 Routine (used for debugging 0595 purposes only) 0595 0595
12	(C)	SIGNED	4	LCSAVREG (0)	Registers R2 through R10 0595
12	(C)	SIGNED	4	LCSAVR2	Save area for register 2 0595
16	(10)	SIGNED	4	LCSAVR3	Save area for register 3 0595
20	(14)	SIGNED	4	LCSAVR4	Save area for register 4 0595
24	(18)	SIGNED	4	LCSAVR5	Save area for register 5 0595
28	(1C)	SIGNED	4	LCSAVR6	Save area for register 6 0595
32	(20)	SIGNED	4	LCSAVR7	Save area for register 7 0595
36	(24)	SIGNED	4	LCSAVR8	Save area for register 8 0595
40	(28)	SIGNED	4	LCSAVR9	Save area for register 9 0595
44	(2C)	SIGNED	4	LCSAVR10	Save area for register 10 0595 0595
48	(30)	SIGNED	4	LCSAVEND (0)	End of save area 0595
48	(30)	X'30'	0	LCSAVSIZ	"*-LCSAVE" Size of save area 0595
48	(30)	X'5'	0	LCMAXSAV	"5" Maximum number of save 0595 areas 0595

IATYLCT Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
LCMAXSAV	30	5	LCTATERM	C	8
LCSAVCHN	0		LCTATLCT	10	
LCSAVE	0		LCTATPRM	0	
LCSAVEND	30		LCTATRSF	8	0
LCSAVREG	C		LCTATRSH	2	0
LCSAVREP	8		LCTATSIZ	C	C
LCSAVRTN	4		LCTATTPR	1C	2
LCSAVR10	2C	0	LCTBLK	40	
LCSAVR2	C	0	LCTBUSY	3EB	80
LCSAVR3	10	0	LCTCETXR	160	
LCSAVR4	14	0	LCTCFWSZ	458	800
LCSAVR5	18	0	LCTCLU	DC	0
LCSAVR6	1C	0	LCTCLUSZ	DC	70
LCSAVR7	20	0	LCTCPP	3F0	
LCSAVR8	24	0	LCTCPPSZ	404	2C
LCSAVR9	28	0	LCTCRLRS	84	
LCSAVSIZ	30	30	LCTCRLVS	A8	0
LCTABEND	3EB	2	LCTCSSSA	34	
LCTAB4F4	164		LCTCTGCV	CC	
LCTAB4F5	168		LCTCTGC2	D0	
LCTADLCT	4		LCTCTGFL	D4	
LCTAD4F4	14		LCTCTGPL	AC	
LCTAD4F5	18		LCTCTGP2	B0	
LCTAINIT	C	0	LCTCTGWA	B4	
LCTALLOC	14C		LCTCTGW2	B8	
LCTALSAV	264		LCTCVSZ1	D8	0
LCTAMTLF	94	0	LCTCVSZ2	DA	0
LCTAMXEN	C	C	LCTDDNAM	158	D1F3E7E7
LCTANCMP	1C	40	LCTDDNUM	158	15A
LCTATCMP	1C	80	LCTDEQ	3F0	3F0
LCTATECB	364	0	LCTDEQSZ	3F8	C
LCTATEND	C		LCTDSNSV	37B	40404040

Name	Hex Offset	Hex Value
LCTDSNS2	3A7	40404040
LCTDVIDX	154	0
LCTECB	360	0
LCTEND	458	
LCTENQ	3F0	3F0
LCTENQSZ	3F8	C
LCTESTAE	3F0	
LCTESTEN	1C	8
LCTESTSZ	404	18
LCTETXPR	1C	4
LCTETXR	446	
LCTEXSZ	0	E
LCTFINIS	3EB	1
LCTFLAG1	3EB	0
LCTFLAG2	3EC	0
LCTFLAG3	3ED	0
LCTFRESP	8C	
LCTFRSAV	268	
LCTFXLRS	88	
LCTGCTVL	C4	
LCTGCTV2	C8	
LCTGDGAL	3EB	20
LCTGDGLM	37A	0
LCTGENCT	378	0
LCTGENEN	3E9	5D40
LCTGENNO	3E6	404040
LCTGENSZ	3E9	7
LCTGENWK	3E4	4D60
LCTGLWSZ	458	800
LCTID	0	D3C3E340
LCTINITC	3F0	0
LCTJBACB	4C	
LCTJBDEB	64	
LCTJBDSS	5C	
LCTJBRPL	54	
LCTJBSDM	6C	
LCTJOBFS	17E	0
LCTJOBNO	370	0
LCTJSCB	24	
LCTLALVS	9C	
LCTLET	1C	
LCTLLRSB	3EC	80
LCTLOCNT	374	0
LCTLOCRQ	3EC	40
LCTLRDAT	458	0
LCTLRFIX	458	4
LCTLRS	7C	
LCTLRSLA	80	
LCTLRSSQ	90	0
LCTLRSVD	96	0
LCTLRSWK	78	
LCTLSTFX	3EC	8
LCTLVCID	A0	0
LCTLVRSD	AA	0
LCTLVS	98	
LCTLVSFS	16C	0
LCTLVSPX	458	3
LCTLVSSX	458	3
LCTMABND	1C	20
LCTMATSZ	5E	48
LCTMATTA	20	
LCTMECB	4	0
LCTMEND	68	
LCTMESSZ	34	18
LCTMESTA	20	

Name	Hex Offset	Hex Value
LCTMFLG1	1C	0
LCTMID	0	D4D3C3E3
LCTMINIT	1C	10
LCTMISCR	3D3	0
LCTMODEP	8	
LCTMPARM	20	
LCTMRSVD	1D	0
LCTMSCAT	3EB	40
LCTMSDMP	20	
LCTMSDSZ	44	28
LCTMSIZE	68	68
LCTMSTRT	0	
LCTMTCB	8	
LCTMTVT	C	
LCTMXRSZ	92	0
LCTNEXT	4	
LCTNODMP	3EC	10
LCTNRMTM	3EC	20
LCTNTERM	C	C
LCTNXCAT	A4	0
LCTNXDSN	A6	0
LCTOCVOL	3EC	2
LCTPCTVL	BC	
LCTPCTV2	C0	
LCTPKGEN	3E0	0
LCTRAB	44	
LCTREINS	C	4
LCTRESVD	C	0
LCTRF101	1C	1
LCTRF201	3EC	1
LCTRF301	3ED	1
LCTRF302	3ED	2
LCTRF304	3ED	4
LCTRF308	3ED	8
LCTRF310	3ED	10
LCTRF320	3ED	20
LCTRF340	3ED	40
LCTRF380	3ED	80
LCTRGSV1	270	0
LCTRGSV2	2A0	0
LCTRGSV3	2D0	0
LCTRGSV4	300	0
LCTRGSV5	330	0
LCTRSPAD	184	0
LCTSAVE	18C	0
LCTSAVWK	26C	
LCTSCACB	48	
LCTSCDEB	60	
LCTSCDSS	58	
LCTSCHFS	172	0
LCTSCHLS	178	0
LCTSCRPL	50	
LCTSCSDM	68	
LCTSDSN	3EC	4
LCTSEL	28	
LCTSELF	454	
LCTSIZE	458	458
LCTSMSDS	3EB	8
LCTSPAFJ	74	
LCTSPAFS	70	
LCTSPARM	3F0	
LCTSPECU	3EB	10
LCTSPJSV	21C	0
LCTSPSSV	1D4	0
LCTSSIPM	2C	

IATYLCT Cross Reference

Name	Hex Offset	Hex Value
LCTSSOB	30	
LCTSTART	0	
LCTSUBCT	0	0
LCTTCB	20	
LCTTERMC	3EB	4
LCTTVT	18	
LCTUNALC	150	
LCTUSET	368	368
LCTUSETM	368	0
LCTUVR	3C	
LCTVOLEN	458	200
LCTVSSSA	38	
LCTVTIDX	156	0
LCTWORK	3D4	0
LCTWTO	3F0	
LCTWTOSZ	444	56

IATYLDA Heading Information

Common Name: LOCATE DATA AREA (LDA)
Macro ID: IATYLDA
DSECT Name: LDASTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: IATLVDA
Auxiliary Storage: NONE
Size: LDASIZE
Created by: IATINLC
Pointed to by: TVTLDAAD
R13 IN MODULE IATLVIN
Serialization: NONE
Function: Provide mapping DSECT for the locate FCT data area.

IATYLDA Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	IATLVDA	
0	(0)	SIGNED	4	LDASTART (0)	BEGINNING OF DATA AREA

Comment

JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
$RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0

End of Comment

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

Comment

CONTROL BLOCK/ROUTINE ADDRESSES

End of Comment

36	(24)	ADDRESS	4	LDALCT	FIRST LOCATE CONTROL TABLE (LCT) ADDRESS
40	(28)	ADDRESS	4	LDAMLCT	MASTER LOCATE SUBTASK LCT ADDRESS
44	(2C)	ADDRESS	4	LDALSVT	LOCATE SUBTASK VECTOR TABLE (LSVT) ADDRESS
48	(30)	ADDRESS	4	LDALVAT	LOCATE SUBTASK MAINTENANCE MODULE (IATLVAT) ADDRESS
52	(34)	ADDRESS	4	LDALETQ	LOCATE ENTRANCE TABLE (LET) QUEUE
56	(38)	ADDRESS	4	LDALCFCT	LOCATE FCT'S FCT ENTRY
60	(3C)	ADDRESS	4	LDALOCAP	LVINCAPP LOCATE CONSOLE APPENDAGE
64	(40)	ADDRESS	4	LDALCR	LOCATE RESTART RECORD ADDRESS DURING MAIN CONNECT PROCESSING
68	(44)	ADDRESS	4	LDARSVDD (10)	RESERVED FOR DEVELOPMENT
108	(6C)	ADDRESS	4	LDARSVDS (10)	RESERVED FOR SERVICE
148	(94)	ADDRESS	4	LDARSVDU (10)	RESERVED FOR USER

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					LOCATE SUBTASK ATTACH/DETACH WORK AREA THE LOCATE DSP REQUIRES CHECKING THE CLOCK TO DETERMINE WHEN A SUBTASK CAN BE ATTACHED AND WHEN A SUBTASK SHOULD BE DETACHED. THE CURRENT SUBTASK ATTACH TIME INTERVAL IS 15 MINUTES. THE CURRENT SUBTASK DETACH TIME INTERVAL IS 30 MINUTES. EXPLANATION OF BELOW EQUATIONS: LDAATIME - ATTACH TIME INTERVAL LDADTIME - DETACH TIME INTERVAL MULTIPLY THE TIME INTERVAL (ATTACH OR DETACH) BY 60 (THE NUMBER OF SECONDS IN ONE MINUTE). NEXT MULTIPLY BY THE CLOCK INTERVAL FOR SECONDS, .953674 (1000000/1048576).
					End of Comment
148	(94)	X'F'	0	LDAATIME	"15" ATTACH TIME INTERVAL
148	(94)	X'35A'	0	LDAATMIN	"LDAATIME*60*1000000/1048576" THE MINIMUM AMOUNT OF TIME THAT MUST ELAPSE IN ORDER TO CHANGE THE NUMBER OF ADDTIONAL LOCATE SUBTASKS THAT MAY BE ATTACHED
148	(94)	X'1E'	0	LDADTIME	"30" DETACH TIME INTERVAL
148	(94)	X'6B4'	0	LDADTMIN	"LDADTIME*60*1000000/1048576" THE MINIMUM AMOUNT OF TIME THAT MUST ELAPSE BEFORE A CHECK IS MADE TO DETACH A LOCATE SUBTASK
					Comment
					---------- TIME OF LAST LOCATE SUBTASK ATTACH ----------
					End of Comment
192	(C0)	DBL WORD	8	LDAATTTM	THE TIME OF THE LAST LOCATE SUBTASK ATTACH (STCK VALUE)
192	(C0)	X'C0'	0	LDAATTT	"LDAATTTM,4" FIRST WORD OF TIME
					Comment
					---------- TIME OF LAST LOCATE SUBTASK DETACH PROCESSING ----------
					End of Comment
200	(C8)	DBL WORD	8	LDADETTM	THE TIME OF THE LAST LOCATE SUBTASK DETACH PROCESSING BY LVINSDET (STCK VALUE)
200	(C8)	X'C8'	0	LDADETT	"LDADETTM,4" FIRST WORD OF TIME
					Comment
					---------- TIME OF CURRENT CLOCK ----------
					End of Comment
208	(D0)	DBL WORD	8	LDACURTM	CURRENT TIME
208	(D0)	X'D0'	0	LDACURW1	"LDACURTM,4" FIRST WORD OF TIME
216	(D8)	SIGNED	4	LDAAWTRQ	AVERAGE NUMBER OF REQUESTS WAITING FOR A LOCATE SUBTASK

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
216	(D8)	X'2'	0	LDAWTFAC	"2" WEIGHTING FACTOR USED WHEN COMPUTING THE AVERAGE NUMBER OF LOCATE REQUESTS THAT NEED A LOCATE SUBTASK
220	(DC)	SIGNED	2	LDAATTCT	ATTACH COUNT - THE NUMBER OF SUBTASKS THAT CAN BE ATTACHED DURING THIS PASS
222	(DE)	SIGNED	2	LDARSVDH	RESERVED FOR DEVELOPMENT

Comment

LOCATE COMMUNICATION AREA (LCA) WORK AREAS

End of Comment

224	(E0)	BITSTRING	180	LDALRLCA	LOCATE REQUEST LCA WORK AREA
404	(194)	BITSTRING	44	LDACNLCA	JOB CANCEL LCA WORK AREA
448	(1C0)	BITSTRING	1	LDACCLCA	JOB CANCEL COMPLETE LCA WORK AREA

Comment

MISCELLANEOUS DATA

End of Comment

492	(1EC)	SIGNED	4	LDAMAINS	JOB MAIN MASK WHILE ATTEMPTING TO SCHEDULE THE JOB
496	(1F0)	BITSTRING	4	LDARMAIN	REJECT MAINS THAT HAVE HAD A PROBLEM WHICH CAN NOT BE SCHEDULED TO
500	(1F4)	SIGNED	4	LDAJOBNO	JOB NUMBER FROM CANCEL COMMAND IN BINARY FORM
504	(1F8)	CHARACTER	8	LDAJOBNE	JOB NUMBER FROM CANCEL COMMAND IN EBCDIC FORM
512	(200)	SIGNED	4	LDAJOBNS	NUMBER OF CHARACTERS FOR THE JOB NUMBER IN EBCDIC FORM
516	(204)	SIGNED	4	LDASSAVE	SAVE AREA FOR STORAGE ADDRESSES
520	(208)	SIGNED	4	LDASSIZE	SAVE AREA FOR STORAGE SIZE
524	(20C)	SIGNED	4	LDADDCNT	DD NAME COUNTER USED BY LOCATE SUBTASKS TO GENERATE UNIQUE DD NAMES FOR ALLOCATING CATALOGS
528	(210)	SIGNED	4	LDASAVE1	GENERAL SAVE AREA 1
532	(214)	SIGNED	4	LDASAVE2	GENERAL SAVE AREA 2
536	(218)	SIGNED	4	LDASREG1 (13)	FIRST REGISTER SAVE AREA
588	(24C)	SIGNED	4	LDASREG2 (18)	SECOND REGISTER SAVE AREA (MUST BE 72 BYTES LONG SINCE IATLVIN USES THIS SAVE AREA WHEN INVOKING IATSSXM)
660	(294)	BITSTRING	12	LDALCPFD	LOCATE CHECKPOINT (LCP) FDB
672	(2A0)	BITSTRING	12	LDAATPRM	IATLVAT PARAMETER LIST
684	(2AC)	SIGNED	4	LDARVDD1 (10)	RESERVED FOR DEVELOPMENT
724	(2D4)	SIGNED	4	LDARVDS1 (10)	RESERVED FOR SERVICE
764	(2FC)	SIGNED	4	LDARVDU1 (10)	RESERVED FOR USER
804	(324)	BITSTRING	0	LDAMGTXT (0)	COMMAND BUFFER
804	(324)	BITSTRING	1	(0)	...INITIALIZE TO ZEROES
1132	(46C)	SIGNED	4	(0)	ENSURE ALIGNMENT

Comment

LOCATE FCT ECF

End of Comment

1132	(46C)	BITSTRING	1	LDAECF	LOCATE FCT'S ECF

Comment

DEFINITION OF LDAECF

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		LDALOCRQ	"X'80'" LOCATE REQUEST NEEDS TO BE PROCESSED (A LET HAS BEEN ADDED TO THE LET QUEUE)
		.1..		LDASTAR	"X'40'" STAGING AREA HAS BEEN ADDED TO THE DESTINATION QUEUE
		..1.		LDASBTSK	"X'20'" LOCATE SUBTASK HAS COMPLETED PROCESSING
		...1		LDARESTR	"X'10'" LOCATE RESTART PROCESSING IS REQUIRED
		.... 1...		LDASABND	"X'08'" LOCATE SUBTASK HAS ABENDED
		.... .1..		LDACANCL	"X'04'" JOB HAS BEEN CANCELLED
		.... ..1.		LDAECF02	"X'02'" RESERVED FLAG
		1		LDAECF01	"X'01'" RESERVED FLAG

Comment

LOCATE DATA AREA FLAGS

End of Comment

1133	(46D)	BITSTRING	1	LDAFLAG1	RECURSION FLAG

Comment

DEFINITION OF LDAFLAG1

End of Comment

		1...		LDARECUR	"X'80'" GENERAL RECURSION INDICATOR
		.1..		LDARJCAN	"X'40'" LDACANCL - JOB CANCEL
		..1.		LDARSTAR	"X'20'" LDASTAR - STAGING AREA
		...1		LDARLSPR	"X'10'" LDASBTSK - LOCATE SUBTASK COMP
		.... 1...		LDARLOCR	"X'08'" LDALOCRQ - NEW LOCATE REQUEST
		.... .1..		LDARABND	"X'04'" LDASABND - LOCATE SUBTASK ABND
		.... ..1.		LDARREST	"X'02'" LDARESTR - LOCATE RESTART
		1		LDARRTRY	"X'01'" LVINRTRY - RETRY PROCESSING
1134	(46E)	BITSTRING	1	LDAFLAG2	FLAG BYTE

Comment

DEFINITION OF LDAFLAG2

End of Comment

		1...		LDAFCMD	"X'80'" FIRST CANCEL COMMAND
		.1..		LDAQCMD	"X'40'" QUEUED CANCEL COMMAND
		..1.		LDACLVAT	"X'20'" IATLVAT IN CONTROL
		...1		LDADIE	"X'10'" DISABLE THE LOCATE FUNCTION
		.... 1...		LDANOATT	"X'08'" DO NOT ALLOW ATTACHES
		.... .1..		LDASBATT	"X'04'" AT LEAST ONE SBTASK ATTCHED 0203
		.... ..1.		LDAOKSCH	"X'02'" OKAY TO SCHEDULE LOCATES 0260
		1		LDAFL201	"X'01'" RESERVED FLAG
1135	(46F)	BITSTRING	1	LDAFLAG3	RESERVED FOR SERVICE

Comment

DEFINITION OF LDAFLAG3

End of Comment

		1...		LDAFL380	"X'80'" RESERVED FLAG
		.1..		LDAFL340	"X'40'" RESERVED FLAG
		..1.		LDAFL320	"X'20'" RESERVED FLAG
		...1		LDAFL310	"X'10'" RESERVED FLAG
		.... 1...		LDAFL308	"X'08'" RESERVED FLAG

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		LDAFL304	"X'04'" RESERVED FLAG
		.... ..1.		LDAFL302	"X'02'" RESERVED FLAG
		1		LDAFL301	"X'01'" RESERVED FLAG

Comment

LOCATE FCT TRACE/DEBUG INFORMATION
RECOVERY PROCESSING FOR THE LOCATE FCT IS
DEPENDENT UPON THE INFORMATION IN THE LDAFUNC,
LDARCODE, LDATRACE AND LDAPARM FIELDS.
HIERARCHY OF RECOVERY RULES:
1. LDAFUNC -
DETERMINES LOCATE FUNCTION THAT WAS UNDER
CONTROL AT TIME OF FAILURE. IF LDAFUNC IS
ZERO THEN LDARCODE, LDATRACE AND LDAPARM
ARE INSIGNIFICANT.
2. LDARCODE -
INDICATES A REASON CODE IF A DM111 OCCURRED. IF
ZERO IATLVIN HAS ENCOUNTERED A UNEXPECTED ABEND.
3. LDATRACE/LDAPARM -
INDICATES TRACE INFORMATION FOR THE SUBFUNCTIONS
UNDER THE MAJOR LOCATE FUNCTION (LDAFUNC).
LDATRACE WILL INDICATE THE SUBFUNCTION STATE
WHILE LDAPARM CONTAINS INFORMATION TO RECOVERY
FROM AT THAT STATE.

End of Comment

1136	(470)	SIGNED	4	LDAPARM	SPECIFIC FUNCTION TRACE PARAMETER, DEFINES INFO WHICH QUALIFIED BY LDATRACE REQUIRES RECOVERY PROCESSING

Comment

LDAFUNC DEFINES THE SPECIFIC LOCATE WORK POST
(FUNCTION) THAT IS UNDER CONTROL. IF LDAFUNC IS
ZERO THEN IATLVIN IS NOT PROCESSING ANY OF THE
LOCATE WORK POSTS.

End of Comment

1140	(474)	BITSTRING	1	LDAFUNC	FUNCTION IDENTIFIER

Comment

DEFINITION OF LDAFUNC

End of Comment

1140	(474)	X'1'	0	LDAFJCAN	"1" LVINJCAN - JOB CANCEL
1140	(474)	X'2'	0	LDAFSTAR	"2" LVINSTAR - STAGING AREA
1140	(474)	X'3'	0	LDAFLSPR	"3" LVINLSPR - LOCATE SUBTASK COMP
1140	(474)	X'4'	0	LDAFLOCR	"4" LVINLOCR - NEW LOCATE REQUEST
1140	(474)	X'5'	0	LDAFABND	"5" LVINABND - LOCATE SUBTASK ABND
1140	(474)	X'6'	0	LDAFREST	"6" LVINREST - LOCATE RESTART PROCESSING
1140	(474)	X'7'	0	LDAFRTRY	"7" LVINRTRY - RETRY PROCESSING

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- LDATRACE IS USED TO TRACE LOGIC UNDER A MAJOR FUNCTION (LDAFUNC). FOR EXAMPLE, IF LDATRACE IS SET TO LDATSLOC THEN THE LOCATE FCT IS PROCESSING A LOCATE REQUEST STAR. THE LDAPARM WILL DEFINE THE LET THAT REQUIRES RECOVERY PROCESSING. ----------
					End of Comment
1141	(475)	BITSTRING	1	LDATRACE	TRACE FLAG
1141	(475)	X'1'	0	LDATLCRQ	"1" STAGING AREA LOCATE REQUEST
1141	(475)	X'2'	0	LDATLCRP	"2" STAGING AREA LOCATE RESPONSE
1141	(475)	X'3'	0	LDATJOBC	"3" STAGING AREA JOB CANCEL
1141	(475)	X'4'	0	LDATJBCC	"4" STAGING AREA JOB CANCEL CMPLT
1141	(475)	X'5'	0	LDATWRTC	"5" WRTCHAIN PROCESSING
1141	(475)	X'6'	0	LDATNLCP	"6" NO LCP JOB ENTRY PROCESSING
					Comment
					---------- LDARCODE/LDARTRYC DEFINE THE DM111 REASON CODES. IF IATLVIN ENCOUNTERS AN DM111 CONDITION THE FOLLOWING IS DONE: 1. REGISTER 2 IS SET TO THE DM111 REASON CODE SO THAT THE IAT3713 BANNER SHOWS THE PROBLEM. 2. LDARCODE IS SET TO THE DM111 REASON CODE SO THAT LVINRTRY KNOWS ABOUT THE UNIQUE ABEND. 3. LVINRTRY MOVES THE ABEND CODE FROM LDARCODE TO LDARTRYC AND LDARCODE IS CLEARED. THIS IS DONE SO THAT A SUBSEQUENT ABEND IN LVINRTRY WILL CAUSE RECURSION PROCESSING TO RECOVER FOR THE PREVIOUS ERROR. ----------
					End of Comment
1142	(476)	BITSTRING	1	LDARCODE	ABEND REASON CODE
1143	(477)	BITSTRING	1	LDARTRYC	COPIED ABEND REASON CODE USED IN SUBROUTINE LVINRTRY
1143	(477)	X'1'	0	LDAANLCT	"1" NO LCT ADDRESS WHEN LET ENTRY INDICATES SCHEDULED
1143	(477)	X'2'	0	LDAASEQZ	"2" STAGING AREA SPECIFIES ZERO SEQUENCE NUMBER
1143	(477)	X'3'	0	LDAASEQE	"3" STAGING AREA SPECIFIES AN EXISTING SEQUENCE NUMBER
1143	(477)	X'4'	0	LDAANLET	"4" NO LET ENTRY ON CHAIN TO DEQUEUE
1143	(477)	X'5'	0	LDAAISTA	"5" INVALID STAGING AREA FOUND
1143	(477)	X'6'	0	LDAAWRTC	"6" WRTCHAIN ERROR CHECKPOINTING THE LCP
1143	(477)	X'7'	0	LDAANOCP	"7" NO LCP CHECKPOINT DATASET
1143	(477)	X'8'	0	LDAANLCP	"8" NO LCP JOB ENTRY EXISTED FOR CHECKPOINT
1143	(477)	X'9'	0	LDAANSCH	"9" LOCATE SUBTASK ATTACHED BUT NO SCHEDULE OCCURRED
1143	(477)	X'A'	0	LDAAICIC	"10" INVALID CI FSS CANCEL COMMAND
1143	(477)	X'B'	0	LDAALSNF	"11" AN AVAILABLE LSVT ENTRY COULD NOT BE FOUND WHEN ATTEMPTING TO INITIALIZE A LOCATE SUBTASK
1143	(477)	X'C'	0	LDAAMAFL	"12" MASTER SUBTASK ATTACH FAILURE
1143	(477)	X'D'	0	LDAANGBL	"13" NO GLOBAL MPC FOUND
1143	(477)	X'E'	0	LDAAILCT	"14" INVALID LCT ADDRESS
1143	(477)	X'F'	0	LDAASXM1	"15" ERROR IN IATSSXM ON GLOBAL WHILE ATTEMPTING TO FREE STAGING AREAS DESTINED FOR LOCAL PROCESSOR (FUNCTION CODE SSXELV01)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1143	(477)	X'10'	0	LDAASXM2	"16" ERROR IN IATSSXM ON LOCAL WHILE ATTEMPTING TO FREE INACTIVE LOCATE STAGING AREAS DESTINED FOR THE GLOBAL (FUNCTION CODE SSXELV02)

Comment

```
      LOCATE FCT MESSAGE LIST AREA
LDAOUTM MESSAGE TEXT=LDAOMSG,
          MF=L
    $RX=OS280 HJS6608 981217 PD0DR: OS 2.8.0
```

End of Comment

1144	(478)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1144	(478)	ADDRESS	4	LDAOUTM	Text Address
1148	(47C)	BITSTRING	2		Destination Disp and Mask
1150	(47E)	BITSTRING	1		Flags and Priority
1151	(47F)	ADDRESS	1		Options Flag
1152	(480)	BITSTRING	2		Descriptor Codes
1154	(482)	SIGNED	2		Reserved 2 Bytes
1156	(484)	BITSTRING	17		Routing Codes
1173	(495)	BITSTRING	1	(3)	Reserved
1176	(498)	BITSTRING	1	(8)	Jobid
1184	(4A0)	BITSTRING	1	(8)	Jobname
1192	(4A8)	BITSTRING	1	(8)	Key
1200	(4B0)	ADDRESS	4		CNDB Address 1
1204	(4B4)	ADDRESS	4		CNDB Address 2
1208	(4B8)	ADDRESS	4		CNDB Address 3
1212	(4BC)	ADDRESS	4		CNDB Address 4
1216	(4C0)	ADDRESS	4		CNDB Address 5
1220	(4C4)	ADDRESS	4		MLWO Address
1224	(4C8)	BITSTRING	121	LDAOMSG (0)	OUTPUT MESSAGE AREA 0268
1224	(4C8)	BITSTRING	1	LDAMSIZE	MESSAGE SIZE
1225	(4C9)	BITSTRING	120	LDAMTEXT	MESSAGE TEXT 0268
1348	(544)	SIGNED	4	LDAEND (0)	END OF LOCATE DATA AREA
1348	(544)	X'544'	0	LDASIZE	"LDAEND-LDASTART" SIZE OF LOCATE DATA AREA

Comment

```
    MISCELLANEOUS EQUATES
```

End of Comment

1348	(544)	X'3'	0	LDACFLSB	"3" INITIAL NO. OF LOCATE SUBTASKS TO ATTACH IN A C/I FSS ADDRESS SPACE
1348	(544)	X'5'	0	LDAGLLSB	"5" INITIAL NO. OF LOCATE SUBTASKS TO ATTACH IN THE JES3 GLOBAL OR A JES3 LOCAL ADDRESS SPACE
1348	(544)	X'F'	0	LDAMXLJB	"15" MAXIMUM NUMBER OF JOBS THAT CAN BE SENT TO A JES3 LOCAL ADDRESS SPACE
1348	(544)	X'A'	0	LDAMXTSK	"10" MAXIMUM NO. OF LOCATE SUBTASKS THAT CAN BE ATTACHED

IATYLDA Cross Reference

Name	Hex Offset	Hex Value
IATLVDA	0	
LDAAICIC	477	A
LDAAILCT	477	E
LDAAISTA	477	5
LDAALSNF	477	B
LDAAMAFL	477	C
LDAANGBL	477	D
LDAANLCP	477	8
LDAANLCT	477	1
LDAANLET	477	4
LDAANOCP	477	7
LDAANSCH	477	9
LDAASEQE	477	3
LDAASEQZ	477	2
LDAASXM1	477	F
LDAASXM2	477	10
LDAATIME	94	F
LDAATMIN	94	35A
LDAATPRM	2A0	0
LDAATTCT	DC	0
LDAATTT	C0	C0
LDAATTTM	C0	0
LDAAWRTC	477	6
LDAAWTRQ	D8	0
LDACANCL	46C	4
LDACCLCA	1C0	0
LDACFLSB	544	3
LDACLVAT	46E	20
LDACNLCA	194	0
LDACURTM	D0	0
LDACURW1	D0	D0
LDADDCNT	20C	0
LDADETT	C8	C8
LDADETTM	C8	0
LDADIE	46E	10
LDADTIME	94	1E
LDADTMIN	94	6B4
LDAECF	46C	0
LDAECF01	46C	1
LDAECF02	46C	2
LDAEND	544	
LDAFABND	474	5
LDAFCMD	46E	80
LDAFJCAN	474	1
LDAFLAG1	46D	0
LDAFLAG2	46E	0
LDAFLAG3	46F	0
LDAFLOCR	474	4
LDAFLSPR	474	3
LDAFL201	46E	1
LDAFL301	46F	1
LDAFL302	46F	2
LDAFL304	46F	4
LDAFL308	46F	8
LDAFL310	46F	10
LDAFL320	46F	20
LDAFL340	46F	40
LDAFL380	46F	80
LDAFREST	474	6
LDAFRTRY	474	7
LDAFSTAR	474	2
LDAFUNC	474	0
LDAGLLSB	544	5
LDAJOBNE	1F8	40404040
LDAJOBNO	1F4	0
LDAJOBNS	200	0
LDALCFCT	38	
LDALCPFD	294	0
LDALCR	40	
LDALCT	24	
LDALETQ	34	
LDALOCAP	3C	
LDALOCRQ	46C	80
LDALRLCA	E0	0
LDALSVT	2C	
LDALVAT	30	
LDAMAINS	1EC	0
LDAMGTXT	324	
LDAMLCT	28	
LDAMSIZE	4C8	0
LDAMTEXT	4C9	0
LDAMXLJB	544	F
LDAMXTSK	544	A
LDANOATT	46E	8
LDAOKSCH	46E	2
LDAOMSG	4C8	
LDAOUTM	478	
LDAPARM	470	0
LDAQCMD	46E	40
LDARABND	46D	4
LDARCODE	476	0
LDARECUR	46D	80
LDARESTR	46C	10
LDARJCAN	46D	40
LDARLOCR	46D	8
LDARLSPR	46D	10
LDARMAIN	1F0	FFFFFFFF
LDARREST	46D	2
LDARRTRY	46D	1
LDARSTAR	46D	20
LDARSVDD	44	
LDARSVDH	DE	0
LDARSVDS	6C	
LDARSVDU	94	
LDARTRYC	477	0
LDARVDD1	2AC	0
LDARVDS1	2D4	0
LDARVDU1	2FC	0
LDASABND	46C	8
LDASAVE1	210	0
LDASAVE2	214	0
LDASBATT	46E	4
LDASBTSK	46C	20
LDASIZE	544	544
LDASREG1	218	0
LDASREG2	24C	0
LDASSAVE	204	0
LDASSIZE	208	0
LDASTAR	46C	40
LDASTART	0	
LDATJBCC	475	4
LDATJOBC	475	3
LDATLCRP	475	2
LDATLCRQ	475	1
LDATNLCP	475	6
LDATRACE	475	0

Name	Hex Offset	Hex Value
LDATWRTC	475	5
LDAWTFAC	D8	2

IATYLRS Programming Interface information

Programming Interface information

IATYLRS

The following field is **NOT** programming interface information:

- LRSDSSEQ

End of Programming Interface information

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IATYLRS Heading Information

Common Name: LOCATE RESPONSE
Macro ID: IATYLRS
DSECT Name: LRSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: LRS
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0, STAGING AREA
Auxiliary Storage: N/A
Size: 64 Bytes
Created by: IATIIP0X
IATLVIN
IATLVLC
Pointed to by: IDDCLRS IN IATYIDD
LCTLRS IN IATYLCT
LCTLRSLA IN IATYLCT
LCTLRSWK IN IATYLCT
LETLRS IN IATYLET
LRSNEXT IN IATYLRS
Serialization: None
Function: The LRS contains information that is returned to the requestor of locate services. This includes:

(1) Information from the catalog pertaining to a particular dataset

(2) Error information if a locate request fails

(3) Job related information

IATYLRS Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LRSTART	
0	(0)	SIGNED	4	LRSHDR (0)	LOCATE RESPONSE HEADER
0	(0)	SIGNED	2	LRSSIZE	TOTAL SIZE OF RESPONSE AREA
2	(2)	SIGNED	2	LRSDISP1	DISPLACEMENT OF FIRST LRS FIXED ENTRY OR ZERO IF NONE IN THIS LRS BUFFER
4	(4)	CHARACTER	4	LRSID	CONTROL BLOCK ID
8	(8)	ADDRESS	4	LRSNEXT	ADDRESS OF NEXT LRS
12	(C)	SIGNED	4	LRSJOBNO	BINARY JOB NUMBER
16	(10)	SIGNED	2	LRSSEQNO	LRS SEQUENCE NUMBER
18	(12)	BITSTRING	1	LRSHFLG	HEADER FLAG BYTE

Comment

```
-----------------------------------------------------------------
      DEFINITION OF LRSHFLG
-----------------------------------------------------------------
```

End of Comment

	1...	LRSCAERR	"X'80'" CATALOG ALLOCATE ERROR
	.1..	LRSENDJB	"X'40'" LRS BUFFER REPRESENTS THE END OF LOCATE PROCESSING FOR THIS JOB

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		LRSLSABN	"X'20'" LOCATE SUBTASK ABENDED WHILE PROCESSING THIS JOB
		...1		LRSGDGRN	"X'10'" GDG QUALIFIER ERROR
		.... 1...		LRSHFL08	"X'08'" RESERVED FLAG
		.... .1..		LRSHFL04	"X'04'" RESERVED FLAG
		.... ..1.		LRSHFL02	"X'02'" RESERVED FLAG
		1		LRSHFL01	"X'01'" RESERVED FLAG
19	(13)	BITSTRING	1	LRSRSVD1	RESERVED FOR DEVELOPMENT
20	(14)	SIGNED	4	LRSCAERC (0)	CATALOG ALLOCATION ERROR RETURN AND REASON CODES, VALID IF LRSCAERR IS SET
20	(14)	SIGNED	2	LRSCAERT	CATALOG ALLOCATION ERROR RETURN CODE
22	(16)	SIGNED	2	LRSCAERS	CATALOG ALLOCATION ERROR REASON CODE
24	(18)	SIGNED	4	LRSRSVS	RESERVED FOR SERVICE
28	(1C)	SIGNED	4	LRSHEND (0)	END OF RESPONSE HEADER
28	(1C)	X'1C'	0	LRSHSIZE	"LRSHEND-LRSHDR" SIZE OF LRS HEADER

Comment

INDIVIDUAL RESPONSE AREA
- EACH RESPONSE AREA CONTAINS A FIXED PART (LENGTH IS LRSFXLEN) PLUS ONE OR MORE VARIABLE LENGTH DATA ENTRIES.
- THE TYPE OF DATA ENTRY IS INDICATED BY LRSKEYD

End of Comment

28	(1C)	SIGNED	4	LRSENTRY (0)	INDIVIDUAL RESPONSE ENTRY
28	(1C)	SIGNED	2	LRSDISP	DISPLACEMENT OF NEXT LRS FIXED ENTRY FROM BEGINNING OF THE LRS BUFFER
30	(1E)	SIGNED	2	LRSRECN	LVS NUMBER OF THE REQUEST
32	(20)	BITSTRING	1	LRSFLG1	FLAG BYTE

Comment

DEFINITION OF LRSFLG1

End of Comment

		1...		LRSRERR	"X'80'" ERROR IN LOCATE INPUT DATA
		.1..		LRSGDG	"X'40'" GDG ALL REQUEST
		..1.		LRSPASS	"X'20'" PASSWORD FAILURE
		...1		LRSABRT	"X'10'" REQUEST ABORTED
		.... 1...		LRSIOER	"X'08'" I/O ERROR SEARCHING CATALOG
		.... .1..		LRSNOUN	"X'04'" NO UNIT TYPE AVAILABLE
		.... ..1.		LRSCVOL	"X'02'" CATALOG NOT AVAILABLE
		1		LRSNF	"X'01'" DSN NOT FOUND IN CATALOG
33	(21)	BITSTRING	1	LRSFLG2	FLAG BYTE 2

Comment

DEFINITION OF LRSFLG2

End of Comment

		1...		LRSLFXBF	"X'80'" LRS FIXED ENTRY IS THE LAST LRS ENTRY IN THE CURRENT LRS BUFFER
		.1..		LRSLFXRQ	"X'40'" LRS FIXED ENTRY IS THE LAST LRS ENTRY FOR THE CURRENT LOCATE REQUEST (LVS)
		..1.		LRSRFDNF	"X'20'" THE REFERENCED DATASET OF VOL=REF REQUEST WAS NOT FOUND. THIS FLAG IS SET WHEN LRSNF IS SET.
		...1		LRSDMYNF	"X'10'" THIS IS A DUMMY LOCATE RESPONSE BUILT AS A RESULT OF A DATA SET NOT FOUND CONDITION

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		LRSSPBUF	"X'08'" ONE OR MORE OF THE LRS DATA ENTRIES ASSOCIATED WITH THIS LRS FIXED ENTRY SPAN INTO THE NEXT BUFFER(S).
		.... .1..		LRSFL204	"X'04'" RESERVED FLAG
		.... ..1.		LRSFL202	"X'02'" RESERVED FLAG
		1		LRSFL201	"X'01'" RESERVED FLAG
34	(22)	BITSTRING	1	LRSFLG3	FLAG BYTE 3

Comment

DEFINITION OF LRSFLG3

End of Comment

		1...		LRSHSME1	"X'80'" HSM CATALOG LOCATE ERROR
		.1..		LRSHSME2	"X'40'" HSM ERROR
		..1.		LRSSMSDS	"X'20'" SMS MANAGED DATASET
		...1		LRSSMSMM	"X'10'" SMS MANAGED MOUNTABLE 1
		.... 1...		LRSLIST	"X'08'" ENTRY HAS A LIST INDEX
		.... .1..		LRSUSJCL	"X'04'" USE THE INFORMATION SPECIFIED IN THE JCL
		.... ..1.		LRSFL302	"X'02'" RESERVED FLAG
		1		LRSFL301	"X'01'" RESERVED FLAG
35	(23)	CHARACTER	1	LRSLRC	LOCATE RETURN CODE OR UNIT VERIFICATION RETURN CODE

Comment

DEFINITION OF LRSLRC (CATALOG MGMT. ERRORS ONLY).

End of Comment

35	(23)	X'4'	0	LRSCOPEN	"4" CATALOG OPEN FAILURE
35	(23)	X'8'	0	LRSENTNX	"8" ENTRY DOES NOT EXIST
35	(23)	X'18'	0	LRSERRIO	"24" I/O ERROR
35	(23)	X'20'	0	LRSBPARM	"32" BAD PARAMETER LIST
35	(23)	X'24'	0	LRSCATNE	"36" CATALOG NEEDED
35	(23)	X'28'	0	LRSLGRVL	"40" LARGER VOLUME LIST (CTGVL) IS NEEDED
35	(23)	X'2C'	0	LRSWRKAR	"44" WORK AREA FAILURE
35	(23)	X'38'	0	LRSPASWD	"56" PASSWORD PROTECTION ERROR
35	(23)	X'44'	0	LRSOCVOL	"68" OS CVOL NEEDED
35	(23)	X'74'	0	LRSCABAL	"116" CATALOG "OUT OF BALANCE"
35	(23)	X'78'	0	LRSGDGQE	"120" GDG QUALIFIER ERROR
35	(23)	X'BC'	0	LRSTPCNO	"188" STEPCAT NOT OPEN
35	(23)	X'D6'	0	LRSEHSM2	"214" HSM RELATED ERROR (TYPE 2)
35	(23)	X'DA'	0	LRSEHSM1	"218" HSM RELATED ERROR (TYPE 1)
36	(24)	CHARACTER	1	LRSHSMRC	SECOND RETURN CODE (FOR HSM ERRORS)
37	(25)	BITSTRING	1	LRSGDLIM	GDG-LIMIT FROM CATALOG MANAGEMENT
38	(26)	SIGNED	2	LRSDSSEQ	DATA SET SEQUENCE NUMBER
38	(26)	SIGNED	2	LRSLSTEN	INDEX OF IJS LIST ENTRY
40	(28)	BITSTRING	1	LRSFXEND (0)	END OF FIXED LRS ENTRY
40	(28)	X'C'	0	LRSFXLEN	"*-LRSENTRY" LENGTH OF LRS FIXED ENTRY

Comment

LRS DATA ENTRY FORMAT - COMMON SECTION

End of Comment

40	(28)	BITSTRING	1	LRSDATA (0)	START OF RESPONSE DATA
40	(28)	CHARACTER	1	LRSKEYD	KEY TYPE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

					DEFINITION OF LRSKEYD

				End of Comment	
40	(28)	X'1'	0	LRSMSGK	"1" VARIABLE LENGTH MESSAGE FOLLOWS
40	(28)	X'2'	0	LRSEOJK	"2" END-OF-JOB DATA FOLLOWS
40	(28)	X'3'	0	LRSDSNK	"3" 44 BYTE DSNAME FOLLOWS
40	(28)	X'4'	0	LRSVOLK	"4" 6 BYTE VOLUME SERIAL FOLLOWS
40	(28)	X'5'	0	LRSUNITK	"5" 8 BYTE UNIT TYPE FOLLOWS
40	(28)	X'6'	0	LRSSERRK	"6" SMS ERROR INFORMATION FOLLOWS
40	(28)	X'7'	0	LRSSTCLK	"7" STORAGE CLASS INFORMATION FOLLOWS
40	(28)	X'8'	0	LRSDTCLK	"8" DATA CLASS INFORMATION FOLLOWS
40	(28)	X'9'	0	LRSMGCLK	"9" MANAGEMENT CLASS INFORMATION FOLLOWS
41	(29)	BITSTRING	1	LRSEXTCT	MISCELLANEOUS COUNT FIELD
42	(2A)	BITSTRING	1	LRSDFLG1	DATA FLAG BYTE ONE
				Comment	

					DEFINITION OF LRSDFLG1

				End of Comment	
		1...		LRSLDTBF	"X'80'" LRS DATA ENTRY IS THE LAST LRS ENTRY IN THE CURRENT LRS BUFFER
		.1..		LRSLDTRQ	"X'40'" LRS DATA ENTRY IS THE LAST LRS ENTRY FOR THE CURRENT LOCATE REQUEST (LVS). FOR GDG-ALL REQUESTS, THIS IS THE LAST LRS ENTRY FOR THE CURRENT GENERATION.
		..1.		LRSMMNCT	"X'20'" SMS MANAGED MOUNTABLE, LRS CONTAINS UNIT INFORMATION ONLY. (VOL=SER SPECIFIED)
		...1		LRSDF210	"X'10'" RESERVED FLAG
		.... 1...		LRSDF208	"X'08'" RESERVED FLAG
		.... .1..		LRSDF204	"X'04'" RESERVED FLAG
		.... ..1.		LRSDF202	"X'02'" RESERVED FLAG
		1		LRSDF201	"X'01'" RESERVED FLAG
43	(2B)	BITSTRING	1	LRSDRSVD	RESERVED FOR DEVELOPMENT
44	(2C)	CHARACTER	2	LRSENTCT	COUNT OF DATA AREAS FOLLOWING
46	(2E)	BITSTRING	1	LRSDACEN (0)	END OF LRS DATA COMMON SECTION
46	(2E)	X'6'	0	LRSDACLN	"*-LRSDATA" LENGTH OF LRS DATA COMMON SECTION
				Comment	
					LRS UNIT ENTRY DATA
				End of Comment	
46	(2E)	CHARACTER	8	LRSUNITD	UNIT TYPE
46	(2E)	X'E'	0	LRSUNLEN	"*-LRSDATA" LRS UNIT ENTRY LENGTH
				Comment	
					LRS DATASET ENTRY DATA
				End of Comment	
46	(2E)	CHARACTER	44	LRSDSND	DATASET NAME
90	(5A)	CHARACTER	8	LRSDSNQ	GDG DATASET RELATIVE LEVEL
90	(5A)	X'3A'	0	LRSDSLEN	"*-LRSDATA" LRS DATASET NAME ENTRY LENGTH

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				LRS VOLUME ENTRY DATA NOTE: LRSENTCT CONTAINS THE NUMBER OF VOLSERS.	
				End of Comment	
46	(2E)	CHARACTER	6	LRSVOLD	VOLUME SERIAL NUMBER
46	(2E)	X'C'	0	LRSVOLEN	"*-LRSDATA" LRS VOLUME ENTRY LENGTH
				Comment	
				LRS MESSAGE ENTRY DATA NOTE: LRSENTCT CONTAINS THE NUMBER OF MESSAGES.	
				End of Comment	
46	(2E)	BITSTRING	2	LRSLNMSG	LENGTH OF MESSAGE
48	(30)	BITSTRING	1	LRSMSG (0)	VARIABLE LENGTH MESSAGE
48	(30)	X'8'	0	LRSMSGLN	"*-LRSDATA" LRS MESSAGE ENTRY LENGTH
				Comment	
				LRS END-OF-JOB ENTRY DATA	
				End of Comment	
46	(2E)	BITSTRING	6	LRSSSFSP	FIRST SPOOL ADDRESS OF SMS SCHEDULING INFORMATION DATASET
52	(34)	BITSTRING	6	LRSSSLSP	LAST SPOOL ADDRESS OF SMS SCHEDULING INFORMATION DATASET
58	(3A)	BITSTRING	1	LRSRAB	RECORD ALLOCATION BLOCK (RAB)
58	(3A)	X'82'	0	LRSEOJLN	"*-LRSDATA" LRS END-OF-JOB ENTRY LENGTH
				Comment	
				LRS SMS ERROR ENTRY DATA	
				End of Comment	
46	(2E)	BITSTRING	1	LRSSFUNC	SMS FUNCTION THAT ENCOUNTERED THE ERROR
				Comment	
				---------- DEFINITION OF LRSSFUNC ----------	
				End of Comment	
		1...		LRSSMCAT	"X'80'" SMS CATALOG SERVICES
		.1..		LRSSMVRF	"X'40'" SMS VOLREF SERVICES
47	(2F)	BITSTRING	1	LRSSRSVD	RESERVED FOR DEVELOPMENT
48	(30)	SIGNED	4	LRSSRETC	SMS RETURN CODE
52	(34)	SIGNED	4	LRSSREAS	SMS REASON CODE
56	(38)	SIGNED	4	LRSSPAFR	JES3 SPOOL ACCESS FACILITY RETURN CODE
60	(3C)	SIGNED	4	LRSFSRET	FAILING SERVICE RETURN CODE
64	(40)	SIGNED	4	LRSFSRES	FAILING SERVICE REASON CODE
64	(40)	X'1C'	0	LRSSERLN	"*-LRSDATA" LRS SMS ERROR ENTRY LENGTH
				Comment	
				LRS STORAGE CLASS DATA	
				End of Comment	
46	(2E)	BITSTRING	2	LRSLNSTC	LENGTH OF STORAGE CLASS
48	(30)	BITSTRING	1	LRSSTRCL (0)	VARIABLE LENGTH STORAGE CLASS
48	(30)	X'8'	0	LRSSTCLN	"*-LRSDATA" LRS STORAGE CLASS ENTRY LENGTH

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		LRS DATA CLASS DATA			
				End of Comment	
46	(2E)	BITSTRING	2	LRSLNDTC	LENGTH OF DATA CLASS
48	(30)	BITSTRING	1	LRSDATCL (0)	VARIABLE LENGTH DATA CLASS
48	(30)	X'8'	0	LRSDTCLN	"*-LRSDATA" LRS DATA CLASS ENTRY LENGTH
				Comment	
		LRS MANAGEMENT CLASS DATA			
				End of Comment	
46	(2E)	BITSTRING	2	LRSLNMGC	LENGTH OF MANAGEMENT CLASS
48	(30)	BITSTRING	1	LRSMGMCL (0)	VARIABLE LENGTH MANAGEMENT CLASS
48	(30)	X'8'	0	LRSMGCLN	"*-LRSDATA" LRS MANAGEMENT CLASS ENTRY LENGTH
				Comment	
		MISCELLANEOUS INFORMATION			

		COMBINED FLAG EQUATES FOR IATIIP0X CHECKING			

				End of Comment	
170	(AA)	X'B9'	0	LRSERR1A	"LRSRERR+LRSPASS+LRSABRT+LRSIOER+LRSNF"
170	(AA)	X'6'	0	LRSERR1B	"LRSNOUN+LRSCVOL"
170	(AA)	X'C0'	0	LRSERR2	"LRSHSME1+LRSHSME2"
170	(AA)	X'BF'	0	LRSERR1	"LRSERR1A+LRSERR1B" 30

IATYLRS Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
LRSABRT	20	10	LRSDSSEQ	26	
LRSBPARM	23	20	LRSDTCLK	28	8
LRSCABAL	23	74	LRSDTCLN	30	8
LRSCAERC	14		LRSEHSM1	23	DA
LRSCAERR	12	80	LRSEHSM2	23	D6
LRSCAERS	16	0	LRSENDJB	12	40
LRSCAERT	14	0	LRSENTCT	2C	
LRSCATNE	23	24	LRSENTNX	23	8
LRSCOPEN	23	4	LRSENTRY	1C	
LRSCVOL	20	2	LRSEOJK	28	2
LRSDACEN	2E		LRSEOJLN	3A	82
LRSDACLN	2E	6	LRSERRIO	23	18
LRSDATA	28		LRSERR1	AA	BF
LRSDATCL	30		LRSERR1A	AA	B9
LRSDFLG1	2A		LRSERR1B	AA	6
LRSDF201	2A	1	LRSERR2	AA	C0
LRSDF202	2A	2	LRSEXTCT	29	
LRSDF204	2A	4	LRSFLG1	20	
LRSDF208	2A	8	LRSFLG2	21	
LRSDF210	2A	10	LRSFLG3	22	
LRSDISP	1C		LRSFL201	21	1
LRSDISP1	2		LRSFL202	21	2
LRSDMYNF	21	10	LRSFL204	21	4
LRSDRSVD	2B		LRSFL301	22	1
LRSDSLEN	5A	3A	LRSFL302	22	2
LRSDSND	2E		LRSFSRES	40	0
LRSDSNK	28	3	LRSFSRET	3C	0
LRSDSNQ	5A		LRSFXEND	28	

IATYLRS Cross Reference

Name	Hex Offset	Hex Value
LRSFXLEN	28	C
LRSGDG	20	40
LRSGDGQE	23	78
LRSGDGRN	12	10
LRSGDLIM	25	
LRSHDR	0	
LRSHEND	1C	
LRSHFLG	12	
LRSHFL01	12	1
LRSHFL02	12	2
LRSHFL04	12	4
LRSHFL08	12	8
LRSHSIZE	1C	1C
LRSHSME1	22	80
LRSHSME2	22	40
LRSHSMRC	24	
LRSID	4	D3D9E240
LRSIOER	20	8
LRSJOBNO	C	0
LRSKEYD	28	
LRSLDTBF	2A	80
LRSLDTRQ	2A	40
LRSLFXBF	21	80
LRSLFXRQ	21	40
LRSLGRVL	23	28
LRSLIST	22	8
LRSLNDTC	2E	
LRSLNMGC	2E	
LRSLNMSG	2E	
LRSLNSTC	2E	
LRSLRC	23	
LRSLSABN	12	20
LRSLSTEN	26	
LRSMGCLK	28	9
LRSMGCLN	30	8
LRSMGMCL	30	
LRSMMNCT	2A	20
LRSMSG	30	
LRSMSGK	28	1
LRSMSGLN	30	8
LRSNEXT	8	
LRSNF	20	1
LRSNOUN	20	4
LRSOCVOL	23	44
LRSPASS	20	20
LRSPASWD	23	38
LRSRAB	3A	
LRSRECN	1E	
LRSRERR	20	80
LRSRFDNF	21	20
LRSRSVD1	13	0
LRSRSVS	18	0
LRSSEQNO	10	0
LRSSERLN	40	1C
LRSSERRK	28	6
LRSSFUNC	2E	
LRSSIZE	0	
LRSSMCAT	2E	80
LRSSMSDS	22	20
LRSSMSMM	22	10
LRSSMVRF	2E	40
LRSSPAFR	38	0
LRSSPBUF	21	8
LRSSREAS	34	0
LRSSRETC	30	0
LRSSRSVD	2F	
LRSSSFSP	2E	
LRSSSLSP	34	
LRSSTCLK	28	7
LRSSTCLN	30	8
LRSSTRCL	30	
LRSTART	0	
LRSTPCNO	23	BC
LRSUNITD	2E	
LRSUNITK	28	5
LRSUNLEN	2E	E
LRSUSJCL	22	4
LRSVOLD	2E	
LRSVOLEN	2E	C
LRSVOLK	28	4
LRSWRKAR	23	2C

IATYLSVT Heading Information

Common Name: Locate Subtask Vector Table
Macro ID: IATYLSVT
DSECT Name: LSVTSTRT, LSVTNTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: LSVT
Offset: 0
Length: 4
Storage Attributes: Main Storage: Subpool 0
Auxiliary Storage: N/A
Size: LSVTHSIZ - Size of LSVT Header
LSVTESIZ - Size of LSVT Entry
Created by: LVAT
Pointed to by: LDALSVT IN IATYLDA
Serialization: None
Function:

IATYLSVT Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	LSVTSTRT	, Locate Subtask Vector Table
0	(0)	CHARACTER	4	LSVTID	Control Block Identifier
4	(4)	SIGNED	4	LSVTHRSD (2)	Reserved for Development
12	(C)	SIGNED	4	LSVTHRSS (2)	Reserved for Service
20	(14)	SIGNED	4	LSVTHEND (0)	End of LSVT Header
20	(14)	X'14'	0	LSVTHSIZ	"LSVTHEND-LSVTSTRT" Size of LSVT Header

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	LSVTNTRY	, Locate Subtask Vector Table Entry
0	(0)	ADDRESS	4	LSVTLCT	Locate Subtask Control Table (LCT) Address. A fullword of X"FFFFFFFF" indicates the end of the LSVT.
4	(4)	ADDRESS	4	LSVTTCB	Locate Subtask TCB Address
8	(8)	SIGNED	4	LSVTEEND (0)	End of LSVT Entry
8	(8)	X'8'	0	LSVTESIZ	"LSVTEEND-LSVTNTRY" Size of LSVT Entry

IATYLSVT Cross Reference

Name	Hex Offset	Hex Value
LSVTEEND	8	
LSVTESIZ	8	8
LSVTHEND	14	
LSVTHRSD	4	0
LSVTHRSS	C	0
LSVTHSIZ	14	14
LSVTID	0	D3E2E5E3
LSVTLCT	0	
LSVTNTRY	0	
LSVTSTRT	0	
LSVTTCB	4	

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IATYMDS Programming Interface information

Programming Interface information

IATYMDS

The following fields are **NOT** programming interface information:

- MDARSVA
- MDBKDSN
- MDBKVLM
- MDDSNRCH
- MDFAILSF
- MDGMSCHK
- MDJSTERR
- MDJSTGET
- MDJSTRD
- MDJSTREL
- MDJSTWRT
- MDJVTGET
- MDMCRVLM
- MDMSGBLD
- MDMSGRTE
- MDSALERR
- MDSCNAME
- MDSCNECT
- MDSDSBLD
- MDSDYCHN
- MDSDYNDR
- MDSERROR
- MDSFENCE
- MDSIOERR
- MDSJUN
- MDSNCBPT
- MDSRSCAL
- MDSSYSAD
- MDSTRACE
- MDSUPCAT
- MDSVLBLD
- MDSYSACH
- MDUAFDYN
- MDUX71CL
- MDXTCTAD
- MDYDEQRQ
- MDYFNDSA

End of Programming Interface information

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IATYMDS Heading Information

Common Name: MAIN DEVICE SCHEDULER TABLE
Macro ID: IATYMDS
DSECT Name: MDSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATMDDA
Offset: 0
Length: 8
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0
Key: 1 (JESKEY)
Residency: ANY
Size: MDS1SIZE (IF MSGS=NO),
MDS1SIZE+MDS2SIZE (IF MSGS=YES)
Created by: IATINMD (VIA ALOAD)
Pointed to by: MDSPARM IN IATYTVT
Serialization: NONE
Function: THIS IS THE MAIN DEVICE SCHEDULER DATA AREA,
WHICH MAPS THE STORAGE IN DATA CSECT IATMDDA.
IT CONTAINS FLAGS, FIELDS AND MESSAGES USED BY MDS.

IATYMDS Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	MDSTART	

Comment

JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
$RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0

End of Comment

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

Comment

RESQUEUE GROUP CHAIN ORIGIN FIELDS

End of Comment

36	(24)	SIGNED	4	MDCHAINS (0)	START OF MDS CHAINS
36	(24)	SIGNED	4	MDFETCHQ	START OF FETCH CHAIN
40	(28)	SIGNED	4	MDVOLWTQ	START OF VOLUME WAIT CHAIN
44	(2C)	SIGNED	4	MDALLOCQ	START OF ALLOCATE CHAIN
48	(30)	SIGNED	4	MDVOLUAQ	START OF UNAVAILABLE CHAIN
52	(34)	SIGNED	4	MDVERFYQ	START OF VERIFY CHAIN
56	(38)	SIGNED	4	MDERRORQ	START OF ERROR CHAIN
60	(3C)	SIGNED	4	MDBRKDNQ	START OF BREAKDOWN CHAIN
64	(40)	SIGNED	4	MDRSTRTQ	START OF RESTART CHAIN
68	(44)	SIGNED	4	MDYNALOQ	START OF DYNAMIC ALLOC CHAIN

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
		ECF AND FLAG AREA			
					End of Comment
72	(48)	ADDRESS	4	MDSECFAD	ADDRESS OF MDS ECF AREA
76	(4C)	BITSTRING	6	MDSECFAR	CONTIGUOUS MDS ECF AREA
76	(4C)	X'4C'	0	MDSECF	"MDSECFAR,1" MDS ECF
		1...		MDSBK	"X'80'" BREAKDOWN POST BIT
		.1..		MDSMSG	"X'40'" MESSAGE POST BIT
		..1.		MDSAL	"X'20'" ALLOC POST BIT(SEE MDSALECF)
		...1		MDSVFY	"X'10'" VERIFY POST BIT
		.... 1...		MDSRST	"X'08'" RESTART POST BIT
		.... .1..		MDSFE	"X'04'" FETCH POST BIT
		.... ..1.		MDSASYNC	"X'02'" ASYNCRONOUS PROCESSING REQ'D
		1		MDSIPOST	"X'01'" INTERNAL PROCESSING REQ'D
76	(4C)	X'4D'	0	MDSSSECF	"MDSECFAR+1,1" Asynchronous event/SSI ECF
		1...		MDSDAL	"X'80'" DYNAMIC ALLOCATION SSI
		.1..		MDSDUL	"X'40'" DYNAMIC UNALOCATION SSI
		..1.		MDSCDD	"X'20'" CHANGE DDNAME SSI
		...1		MDSVER	"X'10'" VERIFY RESPONSE
		.... 1...		MDSSAL	"X'08'" STATIC ALLOCATION SSI
		.... .1..		MDSCNQ	"X'04'" CHG DSN ENQ USE ATTR SSI
		.... ..1.		MDSVRL	"X'02'" EARLY VOL REL SSI
		1		MDSWLMEV	"X'01'" Work-Load Manager Event
		1111 1111		MDSSSALL	"X'FF'" Used to post all functions
76	(4C)	X'4E'	0	MDSIECF	"MDSECFAR+2,1" INTERNAL ECF
		1...		MDSAMAR	"X'80'" MDS ASYNC REQUEST QUEUED
		.1..		MDSIDYFE	"X'40'" DYNAMIC ALLOCATION IN FETCH
		..1.		MDSIDYAL	"X'20'" DYNAMIC ALLOCATION IN ALLOC
		.... 1...		MDSITIME	"X'08'" MSS TIMER EXPIRED
		.... .1..		MDSMSVAR	"X'04'" MSS VARY OCCURRED
		.... ..1.		MDSIDYVE	"X'02'" DYNAMIC ALLOCATION IN VERFY
		1		MDSIDYNQ	"X'01'" WORK ON DYN SA QUEUE
76	(4C)	X'4F'	0	MDSALECF	"MDSECFAR+3,1" ALLOCATION DESCRIPTION BYTE POSTER OF MDSAL BIT IN MDSECF SHOULD ALSO SET ONE OR MORE BITS IN THIS BYTE IF A RESOURCE BECAME AVAIL.
		1...		MDSDEVAV	"X'80'" SETUP DEVICE AVAILABLE POST
		.1..		MDSVOLAV	"X'40'" VOLUME AVAILABLE POST
		..1.		MDSDTSAV	"X'20'" DATASET AVAILABLE POST
		...1		MDSVFYDN	"X'10'" VERIFY PROCESSING COMPLETE
		.... 1...		MDSFNCDN	"X'08'" DEVICE DEDICATION DONE
76	(4C)	X'50'	0	MDSR1ECF	"MDSECFAR+4,1" RESERVED FOR DEVELOPMENT
76	(4C)	X'51'	0	MDSR2ECF	"MDSECFAR+5,1" RESERVED FOR SERVICE
					Comment
		MDS FLAGS			
					End of Comment
82	(52)	BITSTRING	1	MDAFLG1	MDAFLG1 MDSALLOC FLAG BYTE 1
		1...		MDAPRS	"X'80'" PERM RES VOLUME REFERENCE
		.1..		MDAMULDD	"X'40'" 2ND-NTH UNIT - MULT UNIT DD
		..1.		MDAMULST	"X'20'" RETRY MULTI-UNIT DD PROCESSING DUE TO UNIT LIST
83	(53)	BITSTRING	1	MDAFLG2	MDAFLG2 MDSALLOC FLAG BYTE 2

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

		DEFINITION OF MDAFLG2			

				End of Comment	
		1...		MDARECYC	"X'80'" JOB RECYCLED THRU ALLOC
		.1..		MDASPCMN	"X'40'" SINGLE PROCESSOR SPECIFIED
		..1.		MDAOPMNT	"X'20'" OPERATOR MOUNTING REQUIRED
84	(54)	BITSTRING	1	MDBFLG1	MDBFLG1 MDSBRKDN FLAG BYTE 1
				Comment	

		DEFINITION OF MDBFLG1			

				End of Comment	
		1...		MDBJOBRK	"X'80'" JOB BREAKDOWN PROCESSING
		.1..		MDBSTBRK	"X'40'" STEP BREAKDOWN PROCESSING
		..1.		MDBDDBRK	"X'20'" DD BREAKDOWN PROCESSING
		...1		MDBSTPFD	"X'10'" JST STEP ENTRY FOUND
		.... 1...		MDBPJSS	"X'08'" JSS SHOULD BE POSTED
		.... .1..		MDBJFTCH	"X'04'" SEND JOB TO FETCH QUEUE
		.... ..1.		MDBJERRQ	"X'02'" SEND JOB TO ERROR QUEUE
		1		MDBPOS	"X'01'" POST OUTPUT SERVICE
85	(55)	BITSTRING	1	MDBFLG2	MDBFLG2 MDSBRKDN FLAG BYTE 2
				Comment	

		DEFINITION OF MDBFLG2			

				End of Comment	
		1...		MDBJVLRL	"X'80'" JOB BKDN VOLUME RELEASE ONLY
		.1..		MDBSVLRL	"X'40'" STEP END ONLY VOLUME RELEASE
		..1.		MDBMSSDL	"X'20'" MSS DEALLOCATION ENTERED
		...1		MDBDYNDL	"X'10'" DYNAMIC DEALLOC DONE
		.... 1...		MDBDYJOB	"X'08'" JOB BKDN FOR DYNALLOC
		.... .1..		MDBTASCR	"X'04'" DEALLOC SCRATCH TAPES
		.... ..1.		MDBWRTJS	"X'02'" MDSVGET WRITE JST ON ERROR
		1		MDBUFDY	"X'01'" UNAL FOR FAILED DYN ALLOC
86	(56)	BITSTRING	1	MDBFLG3	MDBFLG3 MDSBRKDN FLAG BYTE 3
		1...		MDBTPBRK	"X'80'" STEP BREAKDOWN FOR APPC- TRANSACTION PROGRAM (TP)
		.1..		MDBFLWRT	"X'40'" FAILSOFT SHOULD WRITE JST
87	(57)	BITSTRING	1	MDDFLG1	MDDFLG1 MDOP FLAG BYTE
				Comment	

		DEFINITION OF MDDFLG1			

				End of Comment	
		1...		MDDMULT	"X'80'" MULTIPLE FIELD IN INPUT CMD
		.1..		MDDINQ	"X'40'" INPUT COMMAND IS INQUIRY
		..1.		MDDMOD	"X'20'" INPUT COMMAND IS MODIFY
88	(58)	BITSTRING	1	MDDFLG2	MDDFLG2 MDSDRIVR FLAG BYTE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

					DEFINITION OF MDDFLG2

				End of Comment	
		1...		MDDFLJST	"X'80'" FAILSOFT INVOKED MDSJST
		.1..		MDDFAILS	"X'40'" FAILSOFT RECOVERY ACTIVE
		..1.		MDDNOTAP	"X'20'" SKIP RQTAPUT IN FAILSOFT
		...1		MDDNODSN	"X'10'" SKIP SETDSN DELETE IN FAILSOFT
		.... 1...		MDDMSSJS	"X'08'" JSERV NEEDED FOR MSS REUSE INTERVAL VERIFY
		.... .1..		MDDOCKPT	"X'04'" ONLINE CHECKPOINT NEEDED
		.... ..1.		MDDNOMSS	"X'02'" DO NOT PROCESS MSS SSI POST UNTIL BREAKDOWN POST HAS BEEN HANDLED
		1		MDDPJSS	"X'01'" POST JSS (AFTER SUPUNIT VARY)
89	(59)	BITSTRING	1	MDFFLG1	MDFFLG1 MDSFETCH FLAG BYTE 1
				Comment	

					DEFINITION OF MDFFLG1

				End of Comment	
		1...		MDFVNMTD	"X'80'" JOB USES UNMOUNTED VOLUME(S)
		.1..		MDFDYSCN	"X'40'" DYNALOC RQST VLM SCAN PASS
		..1.		MDFVLWT	"X'20'" JOB MUST WAIT FOR VOLS
		...1		MDFSKIP	"X'10'" SKIP NEXT CALL TO FETCH
		.... 1...		MDFMSSCN	"X'08'" MSS VOLUME SCAN IN PROGRESS
		.... .1..		MDFMSSER	"X'04'" INCOMPATIBLE MSS VOLUME
		.... ..1.		MDFOPMSG	"X'02'" FETCH MESSAGES WERE WRITTEN TO THE OPERATOR
90	(5A)	BITSTRING	1	MDFFLG2	MDFFLG2 MDSFETCH FLAG BYTE 2
				Comment	

					DEFINITION OF MDFFLG2

				End of Comment	
		1...		MDFNVLM	"X'80'" NEW SETVOL ENTRY CREATED
91	(5B)	BITSTRING	2	MDSRSVD5	Reserved for development
93	(5D)	BITSTRING	1	MDSSVTYP	XTYPE OF 1ST DEV - MULTI-DD
94	(5E)	BITSTRING	1	MDSBFLG1	MDSBFLG1 MDSB FLAG BYTE 1
				Comment	

					DEFINITION OF MDSBFLG1

				End of Comment	
		1...		MDSDSSCN	"X'80'" MDS DOING DS SCAN
		.1..		MDSGDJST	"X'40'" DJST READ IN FOR DS SCAN
		..1.		MDSBF120	"X'20'" RESERVED
		...1		MDSBF110	"X'10'" RESERVED
		.... 1...		MDSBF108	"X'08'" RESERVED
		.... .1..		MDSBF104	"X'04'" RESERVED
		.... ..1.		MDSBF102	"X'02'" RESERVED
		1		MDSBF101	"X'01'" RESERVED
95	(5F)	BITSTRING	1	MDRFLG1	MDRFLG1 MDSREST FLAG BYTE 1

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- DEFINITION OF MDRFLG1 ----------	
				End of Comment	
		1...		MDRFIRST	"X'80'" FIRST PASS RESTART COMPLETE
		.1..		MDRNOCON	"X'40'" NO CONNECT AFTER RESTART
		..1.		MDRSCAND	"X'20'" RESTART QUE SCANNED
		...1		MDRQPUTD	"X'10'" ALL JOBS PUT TO QUE'S
		.... 1...		MDRFSTST	"X'08'" ALL JOBS PUT TO QUE'S
		.... .1..		MDSSECND	"X'04'" THIS IS A SECONDARY MDS FCT ATTACHED FOR RESTART
		.... ..1.		MDSRTERM	"X'02'" SECONDARY MDS RESTART FCT TERMINATED
96	(60)	BITSTRING	1	MDRFLG2	MDRFLG2 MDSREST FLAG BYTE 2
				Comment	
				---------- DEFINITION OF MDRFLG2 ----------	
				End of Comment	
		1...		MDRNOMPC	"X'80'" UNABLE TO LOCATE PROCESSOR
		.1..		MDRNODEV	"X'40'" UNABLE TO LOCATE DEVICE(S)
		..1.		MDRSETVL	"X'20'" SETVOL REBUILD REQUIRED
		...1		MDRALLOC	"X'10'" REALLOCATE RESOURCES
		.... 1...		MDRVERFY	"X'08'" VOLUME REVERIFY REQUIRED
		.... .1..		MDRDYNAL	"X'04'" DYNAMIC ALLOC JOBS EXIST
		.... ..1.		MDREQELG	"X'02'" ELIGIBILITY PASS REQUIRED
		1		MDRADYN	"X'01'" THIS DYNALLOC IS ACTIVE
97	(61)	BITSTRING	1	MDSFLG1	MDSFLG1 MDSSELCT FLAG BYTE 1
				Comment	
				---------- DEFINITION OF MDSFLG1 ----------	
				End of Comment	
		1...		MDSSCAN	"X'80'" ALLOCATION SCAN IN PROGRESS
		.1..		MDSRSCUP	"X'40'" UPDATE RESOURCES IN RES Q
		..1.		MDSRSCAN	"X'20'" RESTART JOB SCAN
		...1		MDSALC	"X'10'" A JOB WAS SENT TO MDSALLOC
		.... 1...		MDSDYNAL	"X'08'" DYNAMIC ALLOC JOBS EXIST
		.... .1..		MDSASCS	"X'04'" JOB PASSED ARL PRE-ALLOC SCAN
		.... ..1.		MDSPRESC	"X'02'" JOB FAILED ARL PRE-ALLOC SCAN
		1		MDSDEVFL	"X'01'" JOB FAILED DEV ALLOCATION 0676
98	(62)	BITSTRING	1	MDSFLG2	MDSFLG2 MDSSELCT FLAG BYTE 2
				Comment	
				---------- DEFINITION OF MDSFLG2 ----------	
				End of Comment	
		1...		MDSBAR	"X'80'" JOB IS ABOVE MAIN BARRIER
		.1..		MDSAGEON	"X'40'" AGING CANDIDATE
		..1.		MDSJSTIN	"X'20'" JST(S) IS IN CORE
		...1		MDSRSVD	"X'10'" RESOURCES RESERVED ON A MAIN
		.... 1...		MDSMTMSG	"X'08'" JOB REQUIRES OP MOUNT(S)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		MDSNONPR	"X'04'" JOB USES NON O/S PR VOLUME
		.... ..1.		MDSMDPTH	"X'02'" CURRENT MAIN AT DEPTH
		1		MDSCDPTH	"X'01'" JOBCLASS AT DEPTH
99	(63)	BITSTRING	1	MDSFLG3	MDSFLG3 MDSSELCT FLAG BYTE 3

Comment

DEFINITION OF MDSFLG3

End of Comment

		1...		MDSBARC	"X'80'" SYSUNIT BARRIER PROC. COMP.
		.1..		MDSVLRSV	"X'40'" VOLUME(S) ARE RESERVED
		..1.		MDSDSRSV	"X'20'" DATASET(S) ARE RESERVED
		...1		MDSDEFER	"X'10'" DEFERRED VOLUME MOUNT REQ'D

Comment

THE VALUE OF THE NEXT FOUR BITS SHOULD NOT BE
ALTERED, AS THEY ARE MAPPED IN THE SYSFLAG4 FIELD
OF THE SYSUNITS TABLE ENTRIES, (IATYSYS).

End of Comment

		.... 1...		MDSDVRTA	"X'08'" TAPE DEV'S RESERVED.
		.... .1..		MDSDVRDA	"X'04'" DASD DEV'S RESERVED.
		.... ..1.		MDSDVRUR	"X'02'" UNIT RECORD DEV'S RESERVED.
		1		MDSDVRGR	"X'01'" GRAPHICS DEV'S RESERVED.
99	(63)	X'F'	0	MDSDVRSV	"MDSDVRTA+MDSDVRDA+MDSDVRUR+MDSDVRGR"
100	(64)	BITSTRING	1	MDSFLG4	MDSFLG4 MDS Select Flag Byte 4

Comment

Definition of MDSFLG4.

End of Comment

		1...		MDSCOMFN	"X'80'" At least one connected and online main processor was found
101	(65)	BITSTRING	1	MDVFLG1	MDVFLG1 MDSVERFY FLAG BYTE 1

Comment

DEFINITION OF MDVFLG1

End of Comment

		1...		MDVREMNT	"X'80'" JOB REQ RE-ISSUEING MOUNTS
		.1..		MDVJFAIL	"X'40'" JOB IS TO BE CANCELLED
		..1.		MDVJRSTR	"X'20'" JOB IS TO BE RESTARTED
		...1		MDVMPRED	"X'10'" MAIN MASK REDUCED
102	(66)	BITSTRING	1	MDVFLG2	MDVFLG2 MDSVERFY FLAG BYTE 2

Comment

DEFINITION OF MDVFLG2

End of Comment

		1...		MDVDMNTD	"X'80'" DEVICE VERID IS 'MOUNTED'
		.1..		MDVDNACC	"X'40'" DEVICE NOT ACCESSABLE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
103	(67)	BITSTRING	1	MDSGFLG1	MDSGFLG1 MDS GENERAL FLAG BYTE 1
				Comment	

					DEFINITION OF MDSGFLG1

				End of Comment	
		1...		MDGSETAC	"X'80'" SETACC SETVOL ENTRIES EXIST
		.1..		MDGSETRS	"X'40'" SETRES ENTRY BUFFER(S) EXIST
		..1.		MDGPRON	"X'20'" ALL DEVICES OF TYPE ARE P/R
		...1		MDGPRVOL	"X'10'" SETVOL CREATED - P/R DEVICE 0741
		.... 1...		MDGCNTPR	"X'08'" COUNT P/R DEV'S IN ARL SCAN 0741
		.... .1..		MDSYSRSV	"X'04'" SPECIFIC DEVICES WERE RESERVED DURING THIS ALLOCATION SCAN. THAT IS, THE SYSRSRV FLAG WAS SET IN AT LEAST ONE SYSUNITS ENTRY
		.... ..1.		MDGERROR	"X'02'" ERROR CONDITION DURING MDS PROCESSING
		1		MDGDGBAS	"X'01'" A DD ENTRY REQUIRES A GDG BASE ALLOCATION
104	(68)	BITSTRING	1	MDSGFLG2	MDSGFLG2 MDS GENERAL FLAG BYTE 2
				Comment	

					DEFINITION OF MDSGFLG2

				End of Comment	
		1...		MDSGJCAT	"X'80'" JST ACCESS FOR JOB/STEP CAT
		.1..		MDSGCDYN	"X'40'" CURRENT JST IS DYNAM ALLOC
		..1.		MDSGJMDS	"X'20'" JST READ BY MDSJST SUBR
		...1		MDSGIOIQ	"X'10'" I/O ATTEMPT FROM INQUIRY
		.... 1...		MDSGIOMO	"X'08'" I/O ATTEMPT FROM MODIFY
		.... .1..		MDSGIODR	"X'04'" I/O ATTEMPT FROM DRIVER
		.... ..1.		MDSGJEOD	"X'02'" RETURN EOD ON FIRST MDSJGET
		1		MDSGRERR	"X'01'" JST READ ERR BUFFER RELEASE
105	(69)	BITSTRING	1	MDSGFLG3	MDSGFLG3 MDS GENERAL FLAG BYTE 3
				Comment	

					DEFINITION OF MDSGFLG3

				End of Comment	
		1...		MDSGJSIN	"X'80'" JST ACCESS FOR SINGLE BUFFER
		.1..		MDSGEJOB	"X'40'" JSTGET EOD ON END OF JOB JST
		..1.		MDSGEDYN	"X'20'" JSTGET EOD ON END OF DYN JST
		...1		MDSGESTP	"X'10'" JSTGET EOD ON NEXT STEP
		.... 1...		MDSGJREL	"X'08'" JST RELEASE SPECIFIED
		.... .1..		MDSGJCHK	"X'04'" JST CHECKPOINT WRITE
		.... ..1.		MDSGJSTP	"X'02'" JST READ FOR STEP ENTRY
		1		MDSGMODO	"X'01'" JST MODONLY WRITE
106	(6A)	BITSTRING	1	MDSGFLG4	MDSGFLG4 MDS GENERAL FLAG BYTE 4
				Comment	

					DEFINITION OF MDSGFLG4

				End of Comment	
		1...		MDGJSTRD	"X'80'" JST READ SUBROUTINE ACTIVE
		.1..		MDSSMSRC	"X'40'" JOB REQUIRES SMS RESOURCES

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..1.		MDSCNMSK	"X'20'" JOB USED CONNECT MASK FOR SMS
		...1		MDSCNSMS	"X'10'" SMS WAS INACTIVE AT THE 0483 TIME C/I PROCESSING WAS 0483 PERFORMED 0483
		.... 1...		MDSGBATC	"X'08'" BATCH JST BUFF. TO WRITE
		.... .1..		MDSGCSBT	"X'04'" CSBT USED TO READ BATCH JST BUFFERS
		.... ..1.		MDS5914	"X'02'" DEALLOCATION WAS PERFORMED, 0097 SO IAT5914 IS REQUIRED 0097
		1		MDSIVERL	"X'01'" Logging of initial verify messages was requested
107	(6B)	BITSTRING	2	MDXFLG1	RESERVED
112	(70)	SIGNED	4	MDSFLEND (0)	END OF ECF/FLAG BYTE AREA

Comment

INITIALIZATION OPTIONS

End of Comment

112	(70)	SIGNED	2	MDSNAMCT	NUMBER OF SETNAMES ENTRIES
114	(72)	SIGNED	2	MDSRSVDD	RESERVED FOR DEVELOPMENT
116	(74)	SIGNED	4	MDSRSVDS	RESERVED FOR JES3 SERVICE
120	(78)	BITSTRING	1	MDSRSVSB	RESERVED FOR JES3 SERVICE
121	(79)	CHARACTER	3	MDSMSVCR (0)	MSVC/DYNALLOC VUA RESERVE
121	(79)	CHARACTER	2	MDSMSVCV	VUA RESERVE NUMERIC VALUE
123	(7B)	CHARACTER	1	MDSMSVCT	VUA RESERVE TYPE - COUNT (BLANK) OR PERCENT (%)
124	(7C)	SIGNED	4	MDSREUSE	MSS REUSETME HUNDREDTHS/SEC
128	(80)	SIGNED	2	MDOPRLIM	NO. TRYS ALLOWED TO REMOUNT
130	(82)	SIGNED	2	MDSRESRV (4)	RESERVED FOR DEVELOPMENT 3
138	(8A)	ADDRESS	1	MDSDSNSZ	SIZE OF DSN FOR MESSAGES
139	(8B)	BITSTRING	1	MDSOPTN	MDSOPTN MDS OPTION BYTE
		1...		MDSAUTO	"X'80'" AUTOMATIC ALLOCATION
		.1..		MDSFETCH	"X'40'" FETCH=YES SPECIFIED
		..1.		MDSDFRCT	"X'20'" DEFERCT=YES SPECIFIED
		...1		MDSFEPRD	"X'10'" FETCH MESSAGES FOR PERMRES OR RESERVED DASD ARE TO BE WRITTEN TO JESMSGLG
		.... 1...		MDSALPRD	"X'08'" ALLOCATION MESSAGES FOR PERMRES OR RESERVED DASD ARE TO BE WRITTEN TO JESMSGLG
		.... .1..		MDSFEMNT	"X'04'" FETCH MESSAGES FOR MOUNTABLE VOLUMES ARE TO BE WRITTEN TO JESMSGLG
		.... ..1.		MDSALMNT	"X'02'" ALLOCATION MESSAGES FOR MOUNTABLE VOLUMES ARE TO BE WRITTEN TO JESMSGLG
		1		MDSBKMNT	"X'01'" BREAKDOWN MESSAGES FOR MOUNTABLE VOLUMES ARE TO BE WRITTEN TO JESMSGLG

Comment

CONTROL/WORK FIELDS

End of Comment

140	(8C)	SIGNED	4	MDSFCT	MDS FCT POINTER
144	(90)	ADDRESS	4	MDXTCTAD	ADDRESS OF XTYPE COUNT TABLE USED DURING FETCH
148	(94)	SIGNED	4	MDSATMPT	NO. OF ALLOCATION ATTEMPTS
152	(98)	SIGNED	4	MDSSUCCS	NO. OF SUCCESSFUL ALLOCS
156	(9C)	SIGNED	4	MDSARLSC	NO. OF ALLOC ATTEMPTS SKIPPED DUE TO ARL PRE-ALLOC SCAN (SUM OF ALL ARLSCAN'S)
160	(A0)	SIGNED	4	MDSARLRF	NO. OF FAILED ALLOC ATTEMPTS DESPITE SUCCESSFUL ARL SCAN (SUM OF ALL ARLRFRSH'S)
164	(A4)	SIGNED	4	MDSNCBPT	JNCB POINTER FOR CURRENT JOB
168	(A8)	SIGNED	4	MDSGRPPT	GRP POINTER FOR CURRENT JOB
172	(AC)	SIGNED	4	MDSCLSPT	CLASS POINTER FOR CURENT JOB
176	(B0)	SIGNED	4	MDSSAVL1	MDSSELCT SAVE AREA
180	(B4)	SIGNED	4	MDSSAVL2	MDSSELCT SAVE AREA
184	(B8)	SIGNED	4	MDASAVL1	MDSALLOC SAVE AREA
188	(BC)	SIGNED	4	MDASAVL2	MDSALLOC SAVE AREA
192	(C0)	SIGNED	4	MDSALMSK	ALLOCATION MAIN SELECT MASK
196	(C4)	SIGNED	4	MDSRSVD4 (6)	Reserved for development 5

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
220	(DC)	SIGNED	4	MDSBTYPE	BEST DEVICE FOUND
224	(E0)	SIGNED	4	MDSALRQ	NEXT RQ ENTRY IN ALLOCATION
228	(E4)	SIGNED	4	MDSCNAME	CURRENT SETNAME ENTRY PTR
232	(E8)	SIGNED	4	MDSMNMSK	TEMP MAIN SEL MASK
236	(EC)	SIGNED	4	MDSJSTHD	CURRENT JST HEADER BUFFER
240	(F0)	SIGNED	4	MDSJSTBF	CURRENT JST BUFFER
244	(F4)	SIGNED	4	MDSJSTEP	JST STEP ENTRY FOR DYN ALC
248	(F8)	SIGNED	4	MDSJSTPC	CURRENT JST BUFFER FOR STEP
252	(FC)	SIGNED	4	MDSJSTRQ	RQ FOR CURRENT JST ACCESS
256	(100)	SIGNED	4	MDSJSAVE (6)	JST/JVT ACCESS SAVE AREA
280	(118)	SIGNED	4	MDSBSAVE (3)	SUBROUTINE SAVE AREA
280	(118)	X'118'	0	MDSBSTPE	"MDSBSAVE,4" BATCH STEP ENTRY
280	(118)	X'11C'	0	MDSJSTSV	"MDSBSAVE+4,4" CURRENT BATCH BUFFER
280	(118)	X'120'	0	MDSDYHDR	"MDSBSAVE+8,4" DYNALLOC HEADER
292	(124)	SIGNED	4	MDTRSAVE (2)	SAVE AREA FOR MDS TRACE
300	(12C)	SIGNED	4	MDTRCRET (2)	CALLERS REG 14 AND 15
308	(134)	SIGNED	2	MDSDVDES	DESIRABILITY OF BEST DEVICE
310	(136)	SIGNED	2	MDSJSSEQ	CURRENT JST SEQUENCE NUMBER
312	(138)	SIGNED	2	MDSVLSEQ	CURRENT JVT SEQUENCE NUMBER
314	(13A)	SIGNED	2	MDSNTYPE	NO. DEVICE(S) OF TYPE FOUND
316	(13C)	SIGNED	4	MDEEP	Current total number of jobs in SETUP
320	(140)	SIGNED	2	MDS25NTM	NUMBER OF TAPE MOUNTS ISSUED
322	(142)	SIGNED	2	MDS25NDM	NUMBER OF DISK MOUNTS ISSUED
324	(144)	SIGNED	2	MDS25NMV	NUMBER OF MSS VOLUMES REQ'D
326	(146)	SIGNED	2	MDSDARET	# OF DACC DEVICES RETURNED
328	(148)	SIGNED	2	MDSTARET	# OF TAPE DEVICES RETURNED
330	(14A)	SIGNED	2	MDSOTRET	# OF OTHER DEVICES RETURNED
332	(14C)	SIGNED	2	MDSVURET	# OF MSS DEVICES RETURNED
334	(14E)	SIGNED	2	MDSDASUB	# OF DA TO SUBTRACT FROM JOB
336	(150)	SIGNED	2	MDSTASUB	# OF TA TO SUBTRACT FROM JOB
338	(152)	SIGNED	2	MDSOTSUB	# OF OT TO SUBTRACT FROM JOB
340	(154)	SIGNED	2	MDSVUSUB	# OF MS TO SUBTRACT FROM JOB
342	(156)	SIGNED	2	MDSAVHW1	MDS HALF WORD SAVE AREA 1
344	(158)	SIGNED	2	MDSAVHW2	MDS HALF WORD SAVE AREA 2
346	(15A)	SIGNED	2	MDSRSVD7	Reserved for IBM
348	(15C)	SIGNED	4	MDSDSCNA	ADDRESS OF SETDSN (DS SCAN)
352	(160)	SIGNED	4	MDAUNIT	MDAL UNITNAME POINTER
356	(164)	SIGNED	2	MDALSNXT	INDEX OF NEXT LIST ENTRY
358	(166)	SIGNED	2	MDSVFMSG	IAT5918 MESSAGE COUNT
360	(168)	BITSTRING	1	MDALRESC	MDALRESC NEW ALLOCATION RESOURCE(S) THIS BYTE CONTAINS THE RESOURCE(S) WHICH BECAME AVAILABLE FOR THE ALOC PASS.

Comment

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-----------------------------------------------------------
      DEFINITION OF MDALRESC
-----------------------------------------------------------
```

End of Comment

360	(168)	X'80'	0	MDSDEVRQ	"MDSDEVAV" JOB(S) THAT REQ BUSY DEVICE
360	(168)	X'40'	0	MDSVBSRQ	"MDSVOLAV" JOB(S) THAT REQ BUSY VOLUMES
360	(168)	X'20'	0	MDSDTSRQ	"MDSDTSAV" JOB(S) THAT REQ BUSY DATASET
360	(168)	X'10'	0	MDSVFYPD	"MDSVFYDN" JOB(S) ENCOUNTERED VFY PNDG
360	(168)	X'8'	0	MDSFNCPD	"MDSFNCDN" JOB(S) NEEDS DEDICATED DEVS
361	(169)	BITSTRING	1	MDALOPTN	MDALOPTN MDSALLOC ALLOCATION OPTION

Comment

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-----------------------------------------------------------
      DEFINITION OF MDALOPTN
-----------------------------------------------------------
```

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		MDAFIRST	"X'80'" FIRST PASS ALLOCATION
		.1..		MDARESRV	"X'40'" RESERVE IF ALLOCATION FAILS
		..1.		MDADONLY	"X'20'" USE DJC FENCED DEVICES ONLY
		...1		MDAGONLY	"X'10'" USE GRP FENCED DEVICES ONLY
		.... 1...		MDANOACT	"X'08'" NO OPERATOR ACTION ALLOWED
		.... .1..		MDASDGXX	"X'04'" HONOR STRICT SDG ALLOCATION
		.... ..1.		MDALOP02	"X'02'" RESERVED FOR JES3 SERVICE
		1		MDALOP01	"X'01'" RESERVED FOR JES3 SERVICE
362	(16A)	BITSTRING	1	MDSVERID	VERIFY ID CHARACTER
363	(16B)	BITSTRING	1	MDRQSTPN	STEP NUMBER TO DEALLOCATE
364	(16C)	BITSTRING	1	MDSRQDA	AREA TO CALCULATE MIN. NUMBR
365	(16D)	BITSTRING	1	MDSRQTA	OF DA,TA,OT,VU DEVICES
366	(16E)	BITSTRING	1	MDSRQOT	REQUIRED BY THE CURRENT
367	(16F)	BITSTRING	1	MDSRQVU	JOB IN ALLOCATION
368	(170)	BITSTRING	1	MDSRSVS1	RESERVED FOR JES3 SERVICE NO. OF DEVICES REQ'D BY JOB
369	(171)	BITSTRING	1	MDSTAADJ	WHICH ALLOCATED, TO ADJUST
370	(172)	BITSTRING	1	MDSOTADJ	FROM THE NUMBER OF
371	(173)	BITSTRING	1	MDSVUADJ	DEVICES RETURNED
372	(174)	BITSTRING	2	MDJPRTY	PRIORITIES OF PREVIOUS JOB
372	(174)	X'174'	0	MDGRPRTY	"MDJPRTY,1" GROUP PRIORITY
372	(174)	X'175'	0	MDPRTY	"MDJPRTY+1,1" JOB PRIORITY
374	(176)	BITSTRING	1	MDSDDRTC	NMBR OF MAINS EXEC TAPE/UR DDR
375	(177)	BITSTRING	1	MDSDDRDC	NMBR OF MAINS EXEC DASD DDR
376	(178)	BITSTRING	1	MDSDDRFG	DDR FLAG
		1...		MDSDDRWT	"X'80'" INTERRUPT OF SETUP SCAN - REQUIRED FOR DDR PROCESSING
		1		MDSDDRIP	"X'01'" DDR IN PROGRESS
		1111 111.		MDSDDRNP	"X'FE'" DDR NOT IN PROGRESS
377	(179)	BITSTRING	1	MDSRSVD1	RESERVED FOR SERVICE

Comment

MDS ARL MANAGEMENT FIELDS

End of Comment

378	(17A)	BITSTRING	1	MDAROPTN	ARL ROUTINE FLAG BYTE
		1...		MDARADD	"X'80'" IATXARL TYPE=ADD
		.1..		MDARSCAN	"X'40'" IATXARL TYPE=SCAN
		..1.		MDARDEL	"X'20'" IATXARL TYPE=DEL
379	(17B)	BITSTRING	1	MDARSCFL	ARL SCAN ROUTINE FLAG BYTE
		1...		MDARALB	"X'80'" INDICATES "ALL-BUSY" RETURN
		.1..		MDARBUSY	"X'40'" INDICATES "BUSY" RETURN
		..1.		MDARMUST	"X'20'" ALLOCATION MUST BE ATTEMPTED
		...1		MDARLIST	"X'10'" UNITNAME LIST PASS
380	(17C)	ADDRESS	4	MDSARLCP	ADDRESS OF ARL CELL-POOL
384	(180)	ADDRESS	4	MDARSVA	TEMP STORAGE FOR ARL ADDRESS
388	(184)	ADDRESS	4	MDARSVRQ	TEMP STORAGE FOR RESQUEUE
392	(188)	ADDRESS	4	MDSCUFCT	ADDRESS CLEAN UP DSP DICT ENTRY
396	(18C)	ADDRESS	4	MDARSVAX	TEMP ARL EXT ADDR SAVE AREA
400	(190)	SIGNED	4	MDSWORK	MDS WORK AREA

Comment

'SCRTCH' SETDSN BUILD AREA

End of Comment

408	(198)	DBL WORD	8	MDSCRDBL (0)	
408	(198)	SIGNED	4	(2)	
408	(198)	X'19E'	0	MDSCRSTN	"MDSCRDBL+6,2"
416	(1A0)	ADDRESS	1	MDSCRTCH	
417	(1A1)	CHARACTER	6	MDSCRST	
423	(1A7)	CHARACTER	8	MDSCRJID	
432	(1B0)	CHARACTER	3	MDSCRSTP	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
432	(1B0)	X'1B2'	0	MDSCRSTE	"MDSCRSTP+2,1"
432	(1B0)	X'1B3'	0	MDSCREND	"*"

Comment

MDS SUBROUTINE ENTRY POINT ADDRESSES

End of Comment

436	(1B4)	SIGNED	4	MDSUBSRT (0)	START OF SUB ENTRY POINTS
436	(1B4)	ADDRESS	4	MDGMSCHK	E.P. GROUP/CLASS AVAIL CHECK
440	(1B8)	ADDRESS	4	MDSDSBLD	DSNAME BUILD/DELETE SUB
444	(1BC)	ADDRESS	4	MDSVLBLD	VOLUME BUILD/SCAN/DELETE SUB
448	(1C0)	ADDRESS	4	MDJSTRD	JST READ SUBROUTINE
452	(1C4)	ADDRESS	4	MDJSTWRT	JST WRITE SUBROUTINE
456	(1C8)	ADDRESS	4	MDJSTREL	JST RELEASE SUBROUTINE
460	(1CC)	ADDRESS	4	MDSCNECT	MDS MAIN CONNECT PROCESSING
464	(1D0)	ADDRESS	4	MDJSTGET	JST ENTRY GET SUBROUTINE
468	(1D4)	ADDRESS	4	MDJSTERR	JST ERROR MSG GET SUBROUTINE
472	(1D8)	ADDRESS	4	MDJVTGET	JVT ENTRY GET SUBROUTINE
476	(1DC)	ADDRESS	4	MDMSGBLD	MDS MESSAGE BUILD SUBROUTINE
480	(1E0)	ADDRESS	4	MDMSGRTE	MDS MESSAGE ROUTE SUBROUTINE
484	(1E4)	ADDRESS	4	MDSUPCAT	CATALOG SETUP SUBROUTINE
488	(1E8)	ADDRESS	4	MDSFENCE	DEVICE FENCE SUBROUTINE
492	(1EC)	ADDRESS	4	MDSIOERR	I/O ERROR REC SUBROUTINE
496	(1F0)	ADDRESS	4	MDSALERR	ALLOCATION ERROR PROCESSING
500	(1F4)	ADDRESS	4	MDSRSCAL	MDS RESOURCE ALLOCATION
504	(1F8)	ADDRESS	4	MDSDYNDR	DYN. DEV RECONFIG SUBROUTINE
508	(1FC)	ADDRESS	4	MDSDYCHN	CHAIN DYNALOC SIOT/JFCB/CBX
512	(200)	ADDRESS	4	MDYFNDSA	GET SA AND MPC OF DYNALOC RQ
516	(204)	ADDRESS	4	MDYDEQRQ	DQ DYNALOC RQ & SEND SA RESP
520	(208)	ADDRESS	4	MDFAILSF	FAILSOFT RECOVERY SUBROUTINE
524	(20C)	ADDRESS	4	MDSTRACE	MDS TRACE SUBROUTINE
528	(210)	ADDRESS	4	MDSCOUNT	SEE IF ONE JOB ACCOUNTS FOR ALL USES OF A DATASET
532	(214)	ADDRESS	4	MDSJUN	JOB TERM UNALLOC OF DJSTS
536	(218)	ADDRESS	4	MDUX71CL	UX71 INTERFACE ROUTINE
540	(21C)	ADDRESS	4	MDSERROR	GET QUEUE FOR JOB IN ERROR
544	(220)	ADDRESS	4	MDUAFDYN	UNAL FAILED DYNAMIC ALLOC
548	(224)	ADDRESS	4	MDFAILDS	GENERAL ROUTINE TO SET UP JESTAE, ISSUE FAILDSP FOR SPECIFIED DMCODE, AND RETURN TO CALLER
552	(228)	ADDRESS	4	MDSUBRSV (5)	Reserved for entry points
572	(23C)	SIGNED	4	MDSUBEND (0)	END OF SUB ENTRY POINTS

Comment

MODULE ENTRY POINT ADDRESSES

End of Comment

572	(23C)	ADDRESS	4	MDOPMSEP	IATMDOP ENTRY POINT
576	(240)	ADDRESS	4	MDFTCHEP	MDSFETCH E.P.
580	(244)	ADDRESS	4	MDMNLMEP	IATMDML ENTRY POINT
584	(248)	ADDRESS	4	MDSELEP	MDSELECT E.P.
588	(24C)	ADDRESS	4	MDALLOEP	MDSALLOC E.P.
592	(250)	ADDRESS	4	MDARLEP	IATMDAR ENTRY POINT
596	(254)	ADDRESS	4	MDVFYEP	MDSVERFY E.P.
600	(258)	ADDRESS	4	MDBRKDEP	MDSBRKDN E.P.
604	(25C)	ADDRESS	4	MDWLMEEP	IATMDWLE entry point
608	(260)	SIGNED	4	MDEPEND (0)	End of entry points
608	(260)	SIGNED	4	MDSRSVD3 (6)	Reserved for development 6

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
	Save Areas.				
				End of Comment	
632	(278)	SIGNED	4	MDSREGSV (2)	Register save area
632	(278)	X'278'	0	MDSFESV1	"MDSREGSV,4" MDFE REGISTER SAVE AREA1
632	(278)	X'27C'	0	MDSFESV2	"MDSREGSV+4,4" MDFE REGISTER SAVE AREA2
640	(280)	SIGNED	4	MDSRSVD6 (5)	Reserved for development
660	(294)	SIGNED	4	MDMSVRSV (14)	Reserved for service
716	(2CC)	SIGNED	4	MDSRSVDU (20)	RESERVED FOR USER
				Comment	
	MDS CONTROL BLOCK ACCESS FIELDS				
				End of Comment	
796	(31C)	SIGNED	4	MDSSYSAD	FIRST SYSUNITS - L'SYSSIZE
800	(320)	SIGNED	4	MDSRSVD2	Reserved for development
804	(324)	SIGNED	4	MDSSYSSZ	SIZE OF A SYSUNITS ENTRY
804	(324)	X'326'	0	MDSSYSIZ	"MDSSYSSZ+2,2" HALF WORD SYSUNITS SIZE
808	(328)	SIGNED	4	MDSSETSZ	SIZE OF A SETUNIT ENTRY
808	(328)	X'32A'	0	MDHSETSZ	"MDSSETSZ+2,2" HALF WORD SETUNIT SIZE
812	(32C)	SIGNED	4	MDSSTNSZ	SIZE OF A SETNAME ENTRY
812	(32C)	X'32E'	0	MDHSTNSZ	"MDSSTNSZ+2,2" HALF WORD SETNAME SIZE
816	(330)	SIGNED	4	MDSMSUSZ	SIZE OF AN MSU ENTRY
816	(330)	X'332'	0	MDHMSUSZ	"MDSMSUSZ+2,2" HALF WORD MSU SIZE
820	(334)	SIGNED	4	MDSSDGSZ	SIZE OF AN SDG ENTRY
820	(334)	X'336'	0	MDHSDGSZ	"MDSSDGSZ+2,2" HALF WORD SDG SIZE
824	(338)	SIGNED	4	MDSVUASZ	SIZE OF A VUA ENTRY
824	(338)	X'33A'	0	MDHVUASZ	"MDSVUASZ+2,2" HALF WORD VUA SIZE
				Comment	
	FDB AREA				
				End of Comment	
828	(33C)	SIGNED	4	(0)	
828	(33C)	BITSTRING	12	MDVUTFDB	FDB OF VOL UNAVAILABLE TABLE 1
840	(348)	BITSTRING	12	MDRESVOL	FDB OF RESVOL BUFFER(S) 1
852	(354)	BITSTRING	1	MDDFDB	FDB OF DEVPOOL WORK AREA
				Comment	
	VLM / DSN ENTRY CONTROL AREA				
				End of Comment	
864	(360)	SIGNED	4	MDSDSBUF	DSNAME BUFFER CHAIN
868	(364)	SIGNED	4	MDSVLBUF	VOLUME ENTRY BUFFER CHAIN
872	(368)	ADDRESS	4	MDSVLCHN (20)	VOLUME ENTRY QUEUE POINTERS
				Comment	
	RESIDENT VOLUME ALLOCATION TABLE 01 Change Activity: $SD=JBGT64K HJS7705 000413 PD0RF: z 1.2.0				
				End of Comment	
952	(3B8)	SIGNED	4	MDSENDVL	POINTER TO NEXT VOLUME ENTRY
956	(3BC)	BITSTRING	6		VOLUME SERIAL NUMBER
964	(3C4)	SIGNED	4		Volume use count
968	(3C8)	SIGNED	4	MDSAMSGQ	ASYNCHRONOUS MESSAGE QUEUE
972	(3CC)	SIGNED	4	(10)	RESERVED FOR DEVELOPMENT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1012	(3F4)	SIGNED	4		- RESERVED FOR SERVICE
1016	(3F8)	SIGNED	4		- RESERVED FOR DEVELOPMENT
1020	(3FC)	BITSTRING	1		VLMFL1 FLAG BYTE 1
1021	(3FD)	BITSTRING	1		VLMFL2 FLAG BYTE 2
1022	(3FE)	BITSTRING	1		PRTY OF JOB RESERVING VOLUME
1023	(3FF)	BITSTRING	1		VLMFL3 FLAG BYTE 3
1024	(400)	BITSTRING	1		VLMFL4 FLAG BYTE 4 FOR DEVELOPMENT
1028	(404)	SIGNED	4	MDSDSLCK	DSNAME BUILD INTERLOCK WORD
1032	(408)	SIGNED	4		Job number of single user
1036	(40C)	SIGNED	4		Number of allocated users
1040	(410)	SIGNED	4		MSV SETVOL EXTENSION ADDR
1044	(414)	SIGNED	4		RESERVED FOR IBM
1048	(418)	SIGNED	4	(0)	END OF VOLUME ENTRY

Comment

RESIDENT VOLUME ALLOCATION TABLE
01 Change Activity:
$SD=JBGT64K HJS7705 000413 PD0RF: z 1.2.0

End of Comment

1048	(418)	SIGNED	4	MDSCRVLM	POINTER TO NEXT VOLUME ENTRY
1052	(41C)	CHARACTER	6	SCRTCH	VOLUME SERIAL NUMBER
1060	(424)	SIGNED	4		Volume use count
1064	(428)	SIGNED	4	(11)	SETDSN HASH TABLE
1108	(454)	SIGNED	4		- RESERVED FOR SERVICE
1112	(458)	SIGNED	4		- RESERVED FOR DEVELOPMENT
1116	(45C)	BITSTRING	1		VLMFL1 FLAG BYTE 1
1117	(45D)	BITSTRING	1		VLMFL2 FLAG BYTE 2
1118	(45E)	BITSTRING	1		PRTY OF JOB RESERVING VOLUME
1119	(45F)	BITSTRING	1		VLMFL3 FLAG BYTE 3
1120	(460)	BITSTRING	1		VLMFL4 FLAG BYTE 4 FOR DEVELOPMENT
1122	(462)	SIGNED	2		SYSUNIT WHERE VOLUME ALLOC'D
1124	(464)	SIGNED	2		SYSUNIT WHERE VOLUME RESIDES
1128	(468)	SIGNED	4		Job number of single user
1132	(46C)	SIGNED	4		Number of allocated users
1136	(470)	SIGNED	4		MSV SETVOL EXTENSION ADDR
1140	(474)	SIGNED	4		RESERVED FOR IBM
1144	(478)	SIGNED	4	(0)	END OF VOLUME ENTRY
1144	(478)	SIGNED	2	MDSVLSUM (20)	SUMS OF ENTRIES IN THE QUEUES
1184	(4A0)	SIGNED	2	MDSVLTOT	TOTAL NO. OF VOLUME ENTRIES

Comment

INPUT MESSAGE CONTROL AREA

End of Comment

1188	(4A4)	SIGNED	4	(0)	
1188	(4A4)	CHARACTER	8	MDREQST1	INQ/MOD REQUEST FIELD 1
1196	(4AC)	CHARACTER	8	MDREQST2	INQ/MOD REQUEST FIELD 2
1204	(4B4)	CHARACTER	8	MDREQST3	INQ/MOD REQUEST FIELD 3
1212	(4BC)	CHARACTER	8	MDREQST4	INQ/MOD REQUEST FIELD 4
1220	(4C4)	CHARACTER	8	MDREQST5	INQ/MOD REQUEST FIELD 5
1228	(4CC)	CHARACTER	8	MDREQST6	INQ/MOD REQUEST FIELD 6
1236	(4D4)	CHARACTER	8	MDREQST7	INQ/MOD REQUEST FIELD 7
1244	(4DC)	CHARACTER	8	MDREQST8	INQ/MOD REQUEST FIELD 8
1252	(4E4)	CHARACTER	8	MDREQST9	INQ/MOD REQUEST FIELD 9
1252	(4E4)	X'4EC'	0	MDREQSTX	"*" END OF REQUEST FIELDS

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description

Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
     Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT Name: IATYCNDB
      --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
     contains information related to the destination that
     messages should be sent to. This control block is built
     as commands are entered into to the system and is used by
     command processors as a destination for where to return
     messages to. The control block is imbeded in other
     control blocks and the size of the data area must not
     change (otherwise a JES3 cold start is required). The
     data is referenced by non-source maintained modules, so
     offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbeded within other control blocks
02 Serialization: none
01 EXTERNAL CLASSIFICATION: DMTI
01 END OF EXTERNAL CLASSIFICATION:
01 Distribution Library: AJES3MAC
01 Method Of access:
02 ASM: IATYCNDB
02 PLX: %INCLUDE SYSLIB(IATYCNDB)
01 CHANGE ACTIVITY:
```

```
     $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
     $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
 %
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
1260	(4EC)	SIGNED	4	MDSCNDB (0)	IATYCNDB.27: based variable for storage mapping
1260	(4EC)	SIGNED	4		Four byte console id 0176
1264	(4F0)	CHARACTER	4		IATYCNDB eyecatcher
1268	(4F4)	ADDRESS	4		IATYCNDB version
1272	(4F8)	BITSTRING	8		Reserved for development
1280	(500)	BITSTRING	8		Console Name 0176
1288	(508)	BITSTRING	24		Reserved for development
1312	(520)	SIGNED	2		Reserved for development
1314	(522)	BITSTRING	40		Reserved for development
1354	(54A)	BITSTRING	1	MDMRQNDX	RQNDX OF JOB IN MSG RQST
1355	(54B)	BITSTRING	1	MDMSGRSV	RESERVED FOR DEVELOPMENT

Comment

FAILSOFT/ERROR RECOVERY WORK AREA

End of Comment

1356	(54C)	SIGNED	4	MDSER10	REGISTER 10 SAVE AREA
1360	(550)	SIGNED	4	MDSER14	REGISTER 14 SAVE AREA
1364	(554)	SIGNED	4	MDSER15	REGISTER 15 SAVE AREA
1368	(558)	SIGNED	4	MDSER0	REGISTER 0 SAVE AREA
1372	(55C)	SIGNED	4	MDSER1	REGISTER 1 SAVE AREA
1376	(560)	SIGNED	4	MDSER2	REGISTER 2 SAVE AREA
1376	(560)	X'54C'	0	MDSEREGS	"MDSER10" 6 WORD REGISTER SAVE AREA
1380	(564)	SIGNED	4	MDCURRSQ	ADDR OF CURR RQ ENTRY
1380	(564)	X'564'	0	MDCURRMS	"MDCURRSQ,4" ADDR OF CURR MSG BUFFER
1380	(564)	X'564'	0	MDCURRSA	"MDCURRSQ,4" ADDR OF CURR STAGING AREA
1380	(564)	X'564'	0	MDCURRTE	"MDCURRSQ,4" ADDR OF CURR VFY ROUTE MSG
1384	(568)	CHARACTER	1	MDSCUTYP	MDSCUTYP CURRENT ENTRY TYPE
1384	(568)	X'D9'	0	MDSCURRQ	"C'R'" CURRENT ENTRY IS RQ ENTRY
1384	(568)	X'D4'	0	MDSCURRM	"C'M'" CURRENT ENTRY IS MSG BUFF
1384	(568)	X'E2'	0	MDSCURRS	"C'S'" CURRENT ENTRY IS STG AREA
1384	(568)	X'E5'	0	MDSCURRV	"C'V'" CURRENT ENTRY IS VFY ROUTE
1385	(569)	CHARACTER	1	MDSIOTYP	MDSIOTYP JSAM I/O TYPE
1385	(569)	X'D9'	0	MDSIORD	"C'R'" JESREAD
1385	(569)	X'E6'	0	MDSIOWR	"C'W'" AWRITE
1385	(569)	X'D3'	0	MDSIORL	"C'L' ARELEASE "
1386	(56A)	CHARACTER	3	MDSRECID	JES3 BUFFER ID
1389	(56D)	BITSTRING	3	MDSIORSV	RESERVED FOR DEVELOPMENT

Comment

EARLY VOLUME RELEASE WORK AREA

End of Comment

1392	(570)	BITSTRING	1	MDSEVRNG	EVR ERROR TYPE
1392	(570)	X'0'	0	MDSEVRNE	"0" NO ERROR 1
1392	(570)	X'B'	0	MDSEVRFT	"11" NEGATIVE FETCH COUNT
1392	(570)	X'C'	0	MDSEVRRT	"12" EVR CONTROL BLOCK ERROR. 2

Comment

DYNAMIC DEVICE RECONFIGURATION WORK AREA

End of Comment

1393	(571)	BITSTRING	1	MDSDDREC	DDR ECF
		1...		MDSDDRRS	"X'80'" RESTART SETUP COMPLETE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		MDSDDRSI	"X'40'" SETUP SCAN INTERRUPTED POST

Comment

MISCELLANEOUS CONSTANTS

End of Comment

		 1111		F	"X'0F'" MASK OF 1111 FOR USE IN ICM

Comment

NOTE: CHANGING ANY FIELDS FROM MDSJVFY TO MDVAEND
WILL REQUIRE CHANGES TO IATLVVR TO MAP THE
FIELDS IN DSECT VERINPUT.

End of Comment

1394	(572)	ADDRESS	2	MDSJVFY	JES VERIFY CMD
1400	(578)	CHARACTER	4	MDVAUNIT	DEVICE NUMBER IN EBCDIC
1404	(57C)	BITSTRING	6	MDVATYPE	
1410	(582)	CHARACTER	1	MDVALABL	LABEL TYPE
1411	(583)	CHARACTER	1	MDVARING	RING / NORING INDICATOR
1412	(584)	CHARACTER	1	MDVAEXPD	
1413	(585)	CHARACTER	6	MDVAVOL	VOLUME SERIAL
1413	(585)	X'585'	0	MDVADFR	"MDVAVOL,3"
1413	(585)	X'585'	0	MDVASCR	"MDVAVOL,2"
1413	(585)	X'587'	0	MDVAUADR	"MDVAVOL+2,4" DEVICE NUMBER
1421	(58D)	CHARACTER	6	MDVAUXMD	
1427	(593)	CHARACTER	4		
1427	(593)	X'596'	0	MDVAEND	"*"

Comment

FORMAT OF VARY OFF COMMAND

End of Comment

1430	(596)	ADDRESS	1	MDVOCMD	
1431	(597)	CHARACTER	3	MDVOST	
1434	(59A)	CHARACTER	4	MDVODEV	DEVICE NUMBER IN EBCDIC
1443	(5A3)	CHARACTER	8	MDVOPROC	
1443	(5A3)	X'5AB'	0	MDVOEND	"*"
1451	(5AB)	CHARACTER	14		
1451	(5AB)	X'5B2'	0	MDVOEND2	"*"
1458	(5B2)	BITSTRING	0	MDVOLEN1 (0)	LENGTH OF NON-LIBRARY FORM
1458	(5B2)	BITSTRING	1	MDVOLEN2 (0)	LENGTH OF LIBRARY FORM

Comment

MDS Trace Format.

End of Comment

1460	(5B4)	SIGNED	4	(0)	
1460	(5B4)	CHARACTER	5	MDTRCSTR	MDS MODULE PREFIX
1465	(5B9)	CHARACTER	2	MDTRCMOD	LAST 2 CHAR OF MODULE
1468	(5BC)	CHARACTER	3	MDTRCTYP	JOB/DYA/BYP
1472	(5C0)	CHARACTER	8	MDTRCNAM	RQJOBNAM
1482	(5CA)	CHARACTER	8	MDTRCNUM	RQJOBID
1492	(5D4)	CHARACTER	4	MDTRCVRB	FROM/RC=
1492	(5D4)	X'5D8'	0	MDTRCRC	"MDTRCVRB+4,2" SSOB return code for DYNALLOC
1498	(5DA)	CHARACTER	7	MDTRCFMX	RQINDEX/RQDYINDX
1505	(5E1)	CHARACTER	4	MDTRCTO	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
1509	(5E5)	CHARACTER	7	MDTRCTOX	RQINDEX/RQDYINDX
1516	(5EC)	BITSTRING	1	MDTRCEND (0)	End of RQINDEX trace

Comment

MDS Bypass (RQJSTAT) Specific Information.

End of Comment

1498	(5DA)	CHARACTER	16	MDTRRQJS	RQJSTAT description
1514	(5EA)	CHARACTER	1	MDTRRQSP	Blank delimiter
1515	(5EB)	CHARACTER	8	MDTRMAIN	Main processor name
1523	(5F3)	BITSTRING	1	MDTRJSEN (0)	End of RQJSTAT trace

Comment

Trace sizes.

End of Comment

1523	(5F3)	X'3F'	0	MDTRMXSZ	"*-MDTRCSTR" Maximum trace size
1523	(5F3)	X'E'	0	MDTRCSIZ	"((MDTRCEND-MDTRCSTR)/4)" Size of RQINDEX trace
1523	(5F3)	X'9'	0	MDTRCSZ2	"((MDTRCFMX-MDTRCSTR)/4)" Size of DYNALLOC SSI trace
1523	(5F3)	X'F'	0	MDTRCSZJ	"((MDTRJSEN-MDTRCSTR)/4)" Size of RQJSTAT trace

Comment

Verify Response Translate Table.

End of Comment

1523	(5F3)	BITSTRING	1	MDVTRTAB (0)	TRANSLATE TABLE
1716	(6B4)	ADDRESS	1		A VOL ON OFFLINE DEVICE
1717	(6B5)	ADDRESS	1		B END OF INIT VER
1718	(6B6)	ADDRESS	1		C SMS MANAGED VOLUME
1719	(6B7)	ADDRESS	1		D NOT OPERATIONAL
1720	(6B8)	ADDRESS	1		E EXPDT NOT PAST
1721	(6B9)	ADDRESS	1		F TAPE LOAD CHECK
1763	(6E3)	ADDRESS	1		0 VERIFIED
1764	(6E4)	ADDRESS	1		1 MOUNTED
1765	(6E5)	ADDRESS	1		2 NOT READY
1766	(6E6)	ADDRESS	1		3 NO RESPONSE
1767	(6E7)	ADDRESS	1		4 VERIFY TIMEOUT
1768	(6E8)	ADDRESS	1		5 NO UCB
1769	(6E9)	ADDRESS	1		6 PERM I/O ERROR
1770	(6EA)	ADDRESS	1		7 VOLID READ ERROR
1771	(6EB)	ADDRESS	1		8 UCB ALLOCATED
1772	(6EC)	ADDRESS	1		9 DUPLICATE VOLID
1780	(6F4)	SIGNED	4	MDBKAWA	AWA FOR STEP/DD BRKDOWN
1784	(6F8)	SIGNED	4	MDSMSGSV (2)	SAVE AREA FOR MDSMSG SUBRTN
1792	(700)	ADDRESS	4	MDDSNRCH	ADDRESS OF DATA SET RESERVE CHAIN - EACH SETDSN ON THIS CHAIN REPRESENTS A RESERVED DATA SET
1796	(704)	ADDRESS	4	MDSYSACH	ADDRESS OF SYSUNITS SOFT ALLOCATION CHAIN - EACH SYSUNITS ON THIS CHAIN REPRESENTS A DEVICE THAT HAS BEEN SOFT ALLOCATED BY IATMDAL FOR THIS JOB
1800	(708)	SIGNED	4	MDBKSAV	IATMDBK TEMP SAVE AREA

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

				MDMSSAL1 SDG ASSIGNMENT WORK AREAS	

				End of Comment	
1804	(70C)	ADDRESS	4	MDMCRJST	FIRST JST IN HWS CHAIN
1808	(710)	ADDRESS	4	MDMCRVLM	FIRST SETVOL FOR JST ENTRY
1812	(714)	BITSTRING	1	MDMCRSDG	SDG INDEX TO BE ASSIGNED
1813	(715)	BITSTRING	2	MDMRSVD	RESERVED FOR DEVELOPMENT
				Comment	

				IATMDBK MSS SCRATCH VOLUME DEALLOCATE	
				ERROR INFORMATION FIELDS	

				End of Comment	
1815	(717)	BITSTRING	1	MDBKERR	MDBK MSS SCRATCH DEALLOC ERROR INDICATOR
		.... .1..		MDBKVLER	"X'04'" VLMALCNT NEGATIVE
1816	(718)	SIGNED	4	MDBKVLM	SETVOL ADDR FOR SCRATCH DEALLOC ERROR
1820	(71C)	SIGNED	4	MDBKDSN	SETDSN ADDR FOR SCRATCH DEALLOC ERROR
1820	(71C)	X'9'	0	MDBKERLN	"*-MDBKERR" LENGTH OF ERROR INFO
				Comment	

				EQUATES FOR MDSERRQ ERROR REASONS	

				End of Comment	
1820	(71C)	X'0'	0	RSNFETCH	"0" ERROR DURING FETCH
1820	(71C)	X'4'	0	RSNALOCQ	"4" ERROR DURING ALLOCATE
1820	(71C)	X'8'	0	RSNVERF	"8" ERROR DURING VERIFY
1820	(71C)	X'C'	0	RSNREST	"12" ERROR DURING RESTART
1820	(71C)	X'10'	0	RSNFAILS	"16" ERROR DUE TO MDS FAILSOFT
1820	(71C)	X'14'	0	RSNPRMIO	"20" JOB HAD PERMANENT I/O ERROR
1820	(71C)	X'18'	0	RSNNOBUF	"24" NO JSAM BUFFERS FOR READ
1820	(71C)	X'1C'	0	RSNNOJST	"28" JOB HAD NO JST FDB
1820	(71C)	X'20'	0	RSNSYSSL	"32" ERROR IN SYSTEM SELECT
1820	(71C)	X'24'	0	RSNSYVER	"36" ERROR IN SYSTEM VERIFY
1820	(71C)	X'28'	0	RSNSRSFL	"40" ERROR DUE TO SRS FAILSOFT
				Comment	

				PARAMETER LIST FOR USER EXIT 62	

				End of Comment	
1824	(720)	SIGNED	4	UX62LIST (0)	
1824	(720)	SIGNED	4	UX62RSQ	POINTER TO JOB'S RESQUEUE
1828	(724)	CHARACTER	6	UX62VOLR	REQUESTED VOL SER
1834	(72A)	CHARACTER	1	UX62LABR	REQUESTED LABEL TYPE: A=AL B=BLP N=NL S=SL X=NSL
1835	(72B)	CHARACTER	1	UX62RNGR	REQUESTED RING STATUS R=RING N=NO RING
1836	(72C)	CHARACTER	6	UX62MVOL	MOUNTED VOL SER
1842	(732)	CHARACTER	1	UX62MLAB	MOUNTED LABEL TYPE
1843	(733)	CHARACTER	1	UX62MRNG	ACTUAL RING STATUS
1844	(734)	CHARACTER	16	UX62TEXT	ERROR TEXT TO BE MOVED TO MESSAGE IAT5310
1844	(734)	X'744'	0	UX62LEND	"*" END OF PARM LIST
1860	(744)	BITSTRING	1	MDSCSS	CSS PASSED TO IATDMCS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

				FIELDS USED BY IATMDRS	

				End of Comment	
1956	(7A4)	SIGNED	4	MPCSAV	SAVE AREA FOR MPC ADDR
1960	(7A8)	SIGNED	4	REG2SAV	SAVE AREA FOR R2
1964	(7AC)	BITSTRING	12	RSCURFDB	CURRENT FDB FOR RESTART
1976	(7B8)	BITSTRING	12	RSNXTFDB	CHAIN FDB FOR RESTART
1988	(7C4)	SIGNED	4	MDSRQSAV	SAVE AREA FOR FAILING RQ
1992	(7C8)	SIGNED	2	SAVEDJST	SAVE AREA FOR DJST INDEX
				Comment	
				LOCK USED BY IATMDSB TO LOCK THE SETVOL TABLE	
				IT IS ALSO USED BY THE GDGBASE MACRO (IN IATYDSN)	
				End of Comment	
1994	(7CA)	BITSTRING	1	MDSVLLCK	SETVOL BUILD INTERLOCK BYTE
		1...		VOLLOCKD	"X'80'" SETVOL TABLE LOCKED
		.1..		GDGBVLCK	"X'40'" GDG BASE SETVOL LOCKED
1995	(7CB)	BITSTRING	1	MDSRESVD	RESERVED FOR DEVELOPMENT
				Comment	

				PARAMETER LIST FOR USER EXIT 71	

				INPUT PARAMETERS	
				End of Comment	
1996	(7CC)	SIGNED	4	UX71LIST (0)	
1996	(7CC)	SIGNED	4	UX71MESG	POINTER TO MESSAGE AREA (FIRST BYTE OF AREA IS THE MESSAGE LENGTH. TEXT IS IN BYTES 2-120)
2000	(7D0)	SIGNED	4	UX71JNAM	POINTER TO JOB NAME
2004	(7D4)	SIGNED	4	UX71VOL	POINTER TO VOLSER IN MESSAGE AREA
2008	(7D8)	SIGNED	4	UX71DSN	POINTER TO DSN LENGTH FOLLOWED BY DSN, OR ZERO
2012	(7DC)	SIGNED	4	UX71DEV	POINTER TO 4 DIGIT DEVICE NUMBER, OR ZERO IF NONE
				Comment	
				OUTPUT AREA	
				End of Comment	
2016	(7E0)	CHARACTER	6	UX71MDSP	MSGDISP INSERTION TEXT
2022	(7E6)	CHARACTER	6	UX71INST	MESSAGE INSERTION TEXT
2022	(7E6)	CHARACTER	13	UX71APND	MESSAGE APPENDAGE
2035	(7F3)	BITSTRING	1	UX71RSVD	RESERVED
2035	(7F3)	X'7F4'	0	UX71LEND	"*" END OF PARAMETER LIST
2036	(7F4)	BITSTRING	0	UX71OUTL (0)	LENGTH OF OUTPUT AREA
2036	(7F4)	BITSTRING	1	UX71LNTH (0)	LENGTH OF UX71 PARM LIST

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					Parameter list work area. All of the parameter lists that follow use the same storage. A parameter list may be added to this work area only if the macro which requires the parameter list clears it when the macro is invoked. Otherwise, there could be residual data left over from the last invocation.
					End of Comment
2036	(7F4)	SIGNED	4	MDSPMWRK (0)	Parameter list work area
					Comment
					$RW= WLMBATCH HJS6608 980715 PD0DR: OS 2.8.0 ,MDSXSCHE IATXSCHE MF=L , IWMSEDES MF=(L,MDSXSCHE) MACDATE -04/02/97-<0>
					End of Comment
0	(0)	X'7F8'	0	M00M0009	"MDSXSCHE" ++ IWMSEDES NAME
2040	(7F8)	DBL WORD	8	MDSXSCHE (0)	++ IWMSEDES PARM LIST
2040	(7F8)	BITSTRING	1	MDSXSCHE_XVERSION	++ INPUT XVERSION
2041	(7F9)	CHARACTER	1	MDSXSCHE_XRSV0001	++ RESERVED XRSV0001
2042	(7FA)	BITSTRING	2	MDSXSCHE_XPLISTLEN	++ INPUT XPLISTLEN
2044	(7FC)	CHARACTER	16	MDSXSCHE_XSCHENV	++ XSCHENV
2060	(80C)	CHARACTER	8	MDSXSCHE_XSYSTEM_NAME	++ XSYSTEM_NAME
2068	(814)	CHARACTER	16	MDSXSCHE_XRSV001C	++ RESERVED XRSV001C
2068	(814)	X'2C'	0	MDSXSCHEL	"*-MDSXSCHE" ++ LENGTH OF PLIST
					Comment
					IWMSEDES-0
					End of Comment
2040	(7F8)	DBL WORD	8	MDSXDELY (0)	IATXDELY Parameter List
2040	(7F8)	ADDRESS	4		JQE address
2044	(7FC)	ADDRESS	4		RQ address
2048	(800)	DBL WORD	8		Time stamp
2056	(808)	ADDRESS	4		JCT address
2060	(80C)	SIGNED	4	(2)	Reserved for IBM
					Comment
					Miscellaneous fields.
					End of Comment
2084	(824)	SIGNED	4	MDSRSVDV (10)	RESERVED FOR DEVELOPMENT
2124	(84C)	SIGNED	4	MDS25RST	START TIME FOR SMF 25
2128	(850)	SIGNED	4	MDS25RSD	START DATE FOR SMF 25
2132	(854)	CHARACTER	8	MDS25UIF	USER IDENT FOR SMF 25
2140	(85C)	ADDRESS	4	MDSGDGSV	GDG BASE SETVOL ADDRESS
2144	(860)	BITSTRING	0	MDSWKLEN (0)	LENGTH FOR MVC
2144	(860)	SIGNED	4	MDSWRKAR (9)	MDS WORK AREA
2144	(860)	X'860'	0	MDSWKONE	"MDSWRKAR,4" FIRST 4 BYTES OF WORKAREA
2144	(860)	X'864'	0	MDSWKTWO	"MDSWRKAR+4,4" SECOND 4 BYTES OF WORKAREA
2144	(860)	X'884'	0	MDSWKARE	"MDSWRKAR+36" FOR MVC LENGTH

IATYMDS Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
2180	(884)	SIGNED	4	MDSRSVSV (16)	RESERVED FOR SERVICE
2244	(8C4)	SIGNED	4	MDSUSER (10)	RESERVED FOR USER
2244	(8C4)	X'8EC'	0	MDSEND1	"*" END OF SECTION 1

IATYMDS Cross Reference

Name	Hex Offset	Hex Value
F	571	F
GDGBVLCK	7CA	40
MDADONLY	169	20
MDAFIRST	169	80
MDAFLG1	52	0
MDAFLG2	53	0
MDAGONLY	169	10
MDALLOCQ	2C	0
MDALLOEP	24C	
MDALOPTN	169	0
MDALOP01	169	1
MDALOP02	169	2
MDALRESC	168	0
MDALSNXT	164	
MDAMULDD	52	40
MDAMULST	52	20
MDANOACT	169	8
MDAOPMNT	53	20
MDAPRS	52	80
MDARADD	17A	80
MDARALB	17B	80
MDARBUSY	17B	40
MDARDEL	17A	20
MDARECYC	53	80
MDARESRV	169	40
MDARLEP	250	
MDARLIST	17B	10
MDARMUST	17B	20
MDAROPTN	17A	0
MDARSCAN	17A	40
MDARSCFL	17B	0
MDARSVA	180	
MDARSVAX	18C	
MDARSVRQ	184	
MDASAVL1	B8	0
MDASAVL2	BC	0
MDASDGXX	169	4
MDASPCMN	53	40
MDAUNIT	160	
MDBDDBRK	54	20
MDBDYJOB	55	8
MDBDYNDL	55	10
MDBFLG1	54	0
MDBFLG2	55	0
MDBFLG3	56	0
MDBFLWRT	56	40
MDBJERRQ	54	2
MDBJFTCH	54	4
MDBJOBRK	54	80
MDBJVLRL	55	80
MDBKAWA	6F4	0
MDBKDSN	71C	0
MDBKERLN	71C	9
MDBKERR	717	0
MDBKSAV	708	0
MDBKVLER	717	4
MDBKVLM	718	0
MDBMSSDL	55	20
MDBPJSS	54	8
MDBPOS	54	1
MDBRKDEP	258	
MDBRKDNQ	3C	0
MDBSTBRK	54	40
MDBSTPFD	54	10
MDBSVLRL	55	40
MDBTASCR	55	4
MDBTPBRK	56	80
MDBUFDY	55	1
MDBWRTJS	55	2
MDCHAINS	24	
MDCURRMS	564	564
MDCURRSA	564	564
MDCURRSQ	564	0
MDCURRTE	564	564
MDDFAILS	58	40
MDDFDB	354	0
MDDFLG1	57	0
MDDFLG2	58	0
MDDFLJST	58	80
MDDINQ	57	40
MDDMOD	57	20
MDDMSSJS	58	8
MDDMULT	57	80
MDDNODSN	58	10
MDDNOMSS	58	2
MDDNOTAP	58	20
MDDOCKPT	58	4
MDDPJSS	58	1
MDDSNRCH	700	
MDEEP	13C	0
MDEPEND	260	
MDERRORQ	38	0
MDFAILDS	224	
MDFAILSF	208	
MDFDYSCN	59	40
MDFETCHQ	24	0
MDFFLG1	59	0
MDFFLG2	5A	0
MDFMSSCN	59	8
MDFMSSER	59	4
MDFNVLM	5A	80
MDFOPMSG	59	2
MDFSKIP	59	10
MDFTCHEP	240	
MDFVLWT	59	20
MDFVNMTD	59	80
MDGCNTPR	67	8
MDGDGBAS	67	1
MDGERROR	67	2
MDGJSTRD	6A	80
MDGMSCHK	1B4	
MDGPRON	67	20

Name	Hex Offset	Hex Value
MDGPRVOL	67	10
MDGRPRTY	174	174
MDGSETAC	67	80
MDGSETRS	67	40
MDHMSUSZ	330	332
MDHSDGSZ	334	336
MDHSETSZ	328	32A
MDHSTNSZ	32C	32E
MDHVUASZ	338	33A
MDJPRTY	174	0
MDJSTERR	1D4	
MDJSTGET	1D0	
MDJSTRD	1C0	
MDJSTREL	1C8	
MDJSTWRT	1C4	
MDJVTGET	1D8	
MDMCRJST	70C	
MDMCRSDG	714	0
MDMCRVLM	710	
MDMNLMEP	244	
MDMRQNDX	54A	0
MDMRSVD	715	0
MDMSGBLD	1DC	
MDMSGRSV	54B	0
MDMSGRTE	1E0	
MDMSVRSV	294	0
MDOPMSEP	23C	
MDOPRLIM	80	0
MDPRTY	174	175
MDRADYN	60	1
MDRALLOC	60	10
MDRDYNAL	60	4
MDREQELG	60	2
MDREQSTX	4E4	4EC
MDREQST1	4A4	40404040
MDREQST2	4AC	40404040
MDREQST3	4B4	40404040
MDREQST4	4BC	40404040
MDREQST5	4C4	40404040
MDREQST6	4CC	40404040
MDREQST7	4D4	40404040
MDREQST8	4DC	40404040
MDREQST9	4E4	40404040
MDRESVOL	348	0
MDRFIRST	5F	80
MDRFLG1	5F	0
MDRFLG2	60	0
MDRFSTST	5F	8
MDRNOCON	5F	40
MDRNODEV	60	40
MDRNOMPC	60	80
MDRQPUTD	5F	10
MDRQSTPN	16B	0
MDRSCAND	5F	20
MDRSETVL	60	20
MDRSTRTQ	40	0
MDRVERFY	60	8
MDSAGEON	62	40
MDSAL	4C	20
MDSALC	61	10
MDSALECF	4C	4F
MDSALERR	1F0	
MDSALMNT	8B	2
MDSALMSK	C0	0
MDSALPRD	8B	8
MDSALRQ	E0	0
MDSAMAR	4C	80
MDSAMSGQ	3C8	0
MDSARLCP	17C	
MDSARLRF	A0	0
MDSARLSC	9C	0
MDSASCS	61	4
MDSASYNC	4C	2
MDSATMPT	94	0
MDSAUTO	8B	80
MDSAVHW1	156	0
MDSAVHW2	158	0
MDSBAR	62	80
MDSBARC	63	80
MDSBFLG1	5E	0
MDSBF101	5E	1
MDSBF102	5E	2
MDSBF104	5E	4
MDSBF108	5E	8
MDSBF110	5E	10
MDSBF120	5E	20
MDSBK	4C	80
MDSBKMNT	8B	1
MDSBSAVE	118	0
MDSBSTPE	118	118
MDSBTYPE	DC	0
MDSCDD	4C	20
MDSCDPTH	62	1
MDSCLSPT	AC	0
MDSCNAME	E4	0
MDSCNDB	4EC	
MDSCNECT	1CC	
MDSCNMSK	6A	20
MDSCNQ	4C	4
MDSCNSMS	6A	10
MDSCOMFN	64	80
MDSCOUNT	210	
MDSCRDBL	198	
MDSCREND	1B0	1B3
MDSCRJID	1A7	40404040
MDSCRST	1A1	E2C3D9E3
MDSCRSTE	1B0	1B2
MDSCRSTN	198	19E
MDSCRSTP	1B0	404040
MDSCRTCH	1A0	
MDSCRVLM	418	0
MDSCSS	744	0
MDSCUFCT	188	
MDSCURRM	568	D4
MDSCURRQ	568	D9
MDSCURRS	568	E2
MDSCURRV	568	E5
MDSCUTYP	568	40
MDSDAL	4C	80
MDSDARET	146	0
MDSDASUB	14E	0
MDSDDRDC	177	0
MDSDDREC	571	0
MDSDDRFG	178	0
MDSDDRIP	178	1
MDSDDRNP	178	FE
MDSDDRRS	571	80
MDSDDRSI	571	40
MDSDDRTC	176	0
MDSDDRWT	178	80

Name	Hex Offset	Hex Value
MDSDEFER	63	10
MDSDEVAV	4C	80
MDSDEVFL	61	1
MDSDEVRQ	168	80
MDSDFRCT	8B	20
MDSDSBLD	1B8	
MDSDSBUF	360	0
MDSDSCNA	15C	0
MDSDSLCK	404	0
MDSDSNSZ	8A	
MDSDSRSV	63	20
MDSDSSCN	5E	80
MDSDTSAV	4C	20
MDSDTSRQ	168	20
MDSDUL	4C	40
MDSDVDES	134	0
MDSDVRDA	63	4
MDSDVRGR	63	1
MDSDVRSV	63	F
MDSDVRTA	63	8
MDSDVRUR	63	2
MDSDYCHN	1FC	
MDSDYHDR	118	120
MDSDYNAL	61	8
MDSDYNDR	1F8	
MDSECF	4C	4C
MDSECFAD	48	
MDSECFAR	4C	0
MDSELEP	248	
MDSENDVL	3B8	0
MDSEND1	8C4	8EC
MDSEREGS	560	54C
MDSERROR	21C	
MDSER0	558	0
MDSER1	55C	0
MDSER10	54C	0
MDSER14	550	0
MDSER15	554	0
MDSER2	560	0
MDSEVRFT	570	B
MDSEVRNE	570	0
MDSEVRNG	570	
MDSEVRRT	570	C
MDSFCT	8C	0
MDSFE	4C	4
MDSFEMNT	8B	4
MDSFENCE	1E8	
MDSFEPRD	8B	10
MDSFESV1	278	278
MDSFESV2	278	27C
MDSFETCH	8B	40
MDSFLEND	70	
MDSFLG1	61	0
MDSFLG2	62	0
MDSFLG3	63	0
MDSFLG4	64	0
MDSFNCDN	4C	8
MDSFNCPD	168	8
MDSGBATC	6A	8
MDSGCDYN	68	40
MDSGCSBT	6A	4
MDSGDGSV	85C	
MDSGDJST	5E	40
MDSGEDYN	69	20
MDSGEJOB	69	40
MDSGESTP	69	10
MDSGFLG1	67	0
MDSGFLG2	68	0
MDSGFLG3	69	0
MDSGFLG4	6A	0
MDSGIODR	68	4
MDSGIOIQ	68	10
MDSGIOMO	68	8
MDSGJCAT	68	80
MDSGJCHK	69	4
MDSGJEOD	68	2
MDSGJMDS	68	20
MDSGJREL	69	8
MDSGJSIN	69	80
MDSGJSTP	69	2
MDSGMODO	69	1
MDSGRERR	68	1
MDSGRPPT	A8	0
MDSIDYAL	4C	20
MDSIDYFE	4C	40
MDSIDYNQ	4C	1
MDSIDYVE	4C	2
MDSIECF	4C	4E
MDSIOERR	1EC	
MDSIORD	569	D9
MDSIORL	569	D3
MDSIORSV	56D	0
MDSIOTYP	569	40
MDSIOWR	569	E6
MDSIPOST	4C	1
MDSITIME	4C	8
MDSIVERL	6A	1
MDSJSAVE	100	0
MDSJSSEQ	136	0
MDSJSTBF	F0	0
MDSJSTEP	F4	0
MDSJSTHD	EC	0
MDSJSTIN	62	20
MDSJSTPC	F8	0
MDSJSTRQ	FC	0
MDSJSTSV	118	11C
MDSJUN	214	
MDSJVFY	572	23E5C5
MDSMDPTH	62	2
MDSMNMSK	E8	0
MDSMSG	4C	40
MDSMSGSV	6F8	0
MDSMSUSZ	330	0
MDSMSVAR	4C	4
MDSMSVCR	79	
MDSMSVCT	7B	40
MDSMSVCV	79	F0F0
MDSMTMSG	62	8
MDSNAMCT	70	0
MDSNCBPT	A4	0
MDSNONPR	62	4
MDSNTYPE	13A	0
MDSOPTN	8B	0
MDSOTADJ	172	0
MDSOTRET	14A	0
MDSOTSUB	152	0
MDSPMWRK	7F4	
MDSPRESC	61	2
MDSRECID	56A	404040
MDSREGSV	278	0

Name	Hex Offset	Hex Value
MDSRESRV	82	0
MDSRESVD	7CB	0
MDSREUSE	7C	0
MDSRQDA	16C	0
MDSRQOT	16E	0
MDSRQSAV	7C4	0
MDSRQTA	16D	0
MDSRQVU	16F	0
MDSRSCAL	1F4	
MDSRSCAN	61	20
MDSRSCUP	61	40
MDSRST	4C	8
MDSRSVD	62	10
MDSRSVDD	72	0
MDSRSVDS	74	0
MDSRSVDU	2CC	0
MDSRSVDV	824	0
MDSRSVD1	179	0
MDSRSVD2	320	0
MDSRSVD3	260	0
MDSRSVD4	C4	0
MDSRSVD5	5B	0
MDSRSVD6	280	0
MDSRSVD7	15A	0
MDSRSVSB	78	0
MDSRSVSV	884	0
MDSRSVS1	170	
MDSRTERM	5F	2
MDSR1ECF	4C	50
MDSR2ECF	4C	51
MDSSAL	4C	8
MDSSAVL1	B0	0
MDSSAVL2	B4	0
MDSSCAN	61	80
MDSSDGSZ	334	0
MDSSECND	5F	4
MDSSETSZ	328	0
MDSSMSRC	6A	40
MDSSSALL	4C	FF
MDSSSECF	4C	4D
MDSSTNSZ	32C	0
MDSSUCCS	98	0
MDSSVTYP	5D	0
MDSSYSAD	31C	0
MDSSYSIZ	324	326
MDSSYSSZ	324	0
MDSTAADJ	171	0
MDSTARET	148	0
MDSTART	0	
MDSTASUB	150	0
MDSTRACE	20C	
MDSUBEND	23C	
MDSUBRSV	228	
MDSUBSRT	1B4	
MDSUPCAT	1E4	
MDSUSER	8C4	0
MDSVBSRQ	168	40
MDSVER	4C	10
MDSVERID	16A	0
MDSVFMSG	166	0
MDSVFY	4C	10
MDSVFYDN	4C	10
MDSVFYPD	168	10
MDSVLBLD	1BC	
MDSVLBUF	364	0

Name	Hex Offset	Hex Value
MDSVLCHN	368	
MDSVLLCK	7CA	0
MDSVLRSV	63	40
MDSVLSEQ	138	0
MDSVLSUM	478	0
MDSVLTOT	4A0	0
MDSVOLAV	4C	40
MDSVRL	4C	2
MDSVUADJ	173	0
MDSVUASZ	338	0
MDSVURET	14C	0
MDSVUSUB	154	0
MDSWKARE	860	884
MDSWKLEN	860	
MDSWKONE	860	860
MDSWKTWO	860	864
MDSWLMEV	4C	1
MDSWORK	190	0
MDSWRKAR	860	0
MDSXDELY	7F8	
MDSXSCHE	7F8	
MDSXSCHE_XPLISTLEN	7FA	
MDSXSCHE_XRSV0001	7F9	
MDSXSCHE_XRSV001C	814	
MDSXSCHE_XSCHENV	7FC	
MDSXSCHE_XSYSTEM_NAME	80C	
MDSXSCHE_XVERSION	7F8	
MDSXSCHEL	814	2C
MDSYSACH	704	
MDSYSRSV	67	4
MDS25NDM	142	0
MDS25NMV	144	0
MDS25NTM	140	0
MDS25RSD	850	0
MDS25RST	84C	0
MDS25UIF	854	40404040
MDS5914	6A	2
MDTRCEND	5EC	
MDTRCFMX	5DA	40404040
MDTRCMOD	5B9	404060
MDTRCNAM	5C0	40404040
MDTRCNUM	5CA	40404040
MDTRCRC	5D4	5D8
MDTRCRET	12C	0
MDTRCSIZ	5F3	E
MDTRCSTR	5B4	C9C1E3D4
MDTRCSZJ	5F3	F
MDTRCSZ2	5F3	9
MDTRCTO	5E1	40E3D640
MDTRCTOX	5E5	40404040
MDTRCTYP	5BC	40404040
MDTRCVRB	5D4	40404040
MDTRJSEN	5F3	
MDTRMAIN	5EB	40404040
MDTRMXSZ	5F3	3F
MDTRRQJS	5DA	40404040
MDTRRQSP	5EA	40
MDTRSAVE	124	0
MDUAFDYN	220	

IATYMDS Cross Reference

Name	Hex Offset	Hex Value
MDUX71CL	218	
MDVADFR	585	585
MDVAEND	593	596
MDVAEXPD	584	40
MDVALABL	582	40
MDVARING	583	40
MDVASCR	585	585
MDVATYPE	57C	E5D6D3
MDVAUADR	585	587
MDVAUNIT	578	40404040
MDVAUXMD	58D	40404040
MDVAVOL	585	40404040
MDVDMNTD	66	80
MDVDNACC	66	40
MDVERFYQ	34	0
MDVFLG1	65	0
MDVFLG2	66	0
MDVFYEP	254	
MDVJFAIL	65	40
MDVJRSTR	65	20
MDVMPRED	65	10
MDVOCMD	596	
MDVODEV	59A	40404040
MDVOEND	5A3	5AB
MDVOEND2	5AB	5B2
MDVOLEN1	5B2	
MDVOLEN2	5B2	
MDVOLUAQ	30	0
MDVOLWTQ	28	0
MDVOPROC	5A3	40404040
MDVOST	597	5CE540
MDVREMNT	65	80
MDVTRTAB	5F3	0
MDVUTFDB	33C	0
MDWLMEEP	25C	
MDXFLG1	6B	0
MDXTCTAD	90	
MDYDEQRQ	204	
MDYFNDSA	200	
MDYNALOQ	44	0
MPCSAV	7A4	0
M00M0009	0	7F8
REG2SAV	7A8	0
RSCURFDB	7AC	0
RSNALOCQ	71C	4
RSNFAILS	71C	10
RSNFETCH	71C	0
RSNNOBUF	71C	18
RSNNOJST	71C	1C
RSNPRMIO	71C	14
RSNREST	71C	C
RSNSRSFL	71C	28
RSNSYSSL	71C	20
RSNSYVER	71C	24
RSNVERF	71C	8
RSNXTFDB	7B8	0
SAVEDJST	7C8	0
SCRTCH	41C	E2C3D9E3
UX62LABR	72A	
UX62LEND	734	744
UX62LIST	720	
UX62MLAB	732	
UX62MRNG	733	
UX62MVOL	72C	
UX62RNGR	72B	
UX62RSQ	720	
UX62TEXT	734	
UX62VOLR	724	
UX71APND	7E6	
UX71DEV	7DC	
UX71DSN	7D8	
UX71INST	7E6	
UX71JNAM	7D0	
UX71LEND	7F3	7F4
UX71LIST	7CC	
UX71LNTH	7F4	
UX71MDSP	7E0	
UX71MESG	7CC	
UX71OUTL	7F4	
UX71RSVD	7F3	
UX71VOL	7D4	
VOLLOCKD	7CA	80

IATYMEM Programming Interface information

Programming Interface information

IATYMEM

The following fields are **NOT** programming interface information:

- MEMBACB
- MEMBEJPD
- MEMBEJWT
- MEMDMSAV
- MEMDSB
- MEMJACB
- MEMJMUPD
- MEMJMUWT
- MEMRRDSB
- MEMSACB
- MEMSISAV
- MEMTPB

End of Programming Interface information

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IATYMEM Heading Information

Common Name: MEMORY DATA BLOCK
Macro ID: IATYMEM
DSECT Name: MEMDSECT, MEMENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MEMH (MEMDSECT), MEME (MEMENTRY)
Offset: 0, 0
Length: 4, 4
Storage Attributes: Main Storage: Subpool 241
Auxiliary Storage: N/A
Key: Key 1 (JESKEY)
Residency: ANY
Size: MEMHSIZE (for MEMDSECT),
MEMESIZE (for MEMENTRY)
Created by: IATINM3, IATSSCM
Pointed to by: MPMEMD IN IATYMPC,
MEMCHAIN in IATYMEM
Serialization: LOCAL AND CMS LOCK MUST BE HELD
Function: THIS DATA AREA PROVIDES A SAVE AREA OF STORAGE-RELATED INFORMATION FOR THE LIFE OF EACH ADDRESS SPACE USING JES3 SUBSYSTEM INTERFACE COMMON SERVICES.

IATYMEM Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	MEMDSECT	
0	(0)	CHARACTER	4	MEMHID	- MEMDATA HEADER ID
4	(4)	SIGNED	4	MEMCHAIN	- POINTER TO NEXT MEMDATA
8	(8)	SIGNED	4	MEMRECB	RESPONSE ECB 0183
12	(C)	ADDRESS	4	MEMRBUFF	ADDRESS OF RESPONSE BUFFER 0183
16	(10)	SIGNED	4	MEMWISEQ	Sequence number of WLM managed initiator (for an explanation see SVTWISEQ)
20	(14)	SIGNED	4	MEMSSVT	- JES3 SSVT ADDRESS
24	(18)	SIGNED	4	MEMFSSGT	FSS GROUPTOKEN FROM FSCB
28	(1C)	BITSTRING	8	MEMINIT	Initiator group
36	(24)	SIGNED	2	MEMASID	- ASID OF THIS MEMORY
38	(26)	BITSTRING	1	MEMHFLG1	MEMDATA HEADER FLAG 1

Comment

```
-----------------------------------------------------------------
          DEFINITION OF MEMHFLG1
-----------------------------------------------------------------
```

End of Comment

		1...		MEMISTP	"X'80'" STOP THIS INIT NEXT SELECT
		.1..		MEMISTRT	"X'40'" STARTING AN INIT
		..1.		MEMHDSEL	"X'20'" DEMAND SELECT OUTSTANDING
		...1		MEMWLMSL	"X'10'" Select outstanding for a WLM managed initiator
		.... 1...		MEMNOSR	"X'08'" JST MUST RE-READ
		.... .1..		MEMAPPC	"X'04'" APPC INITIATOR MEMDATA
		.... ..1.		MEMWLMIN	"X'02'" WLM managed initiator
39	(27)	BITSTRING	1	MEMHFLG2	MEMDATA HEADER FLAG 2

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- DEFINITION OF MEMHFLG2 ----------	
				End of Comment	
		1...		MEMFSS	"X'80'" ADDRESS SPACE CONTAINS A FSS
		.1..		MEMFSNRT	"X'40'" SPECIAL FSS MESSAGE ROUTING IS NOT REQUIRED
		..1.		MEMCIFST	"X'20'" CIFSS TERMINATING
		...1		MEMFSSTM	"X'10'" FSS TERMINATING
		.... 1...		MEMNOJLG	"X'08'" DON'T LOG WTOS IN THE JOB LOG (JESMSGLG)
40	(28)	SIGNED	4	MEMNTRY1	- MEMENTRY 1 ADDRESS
44	(2C)	SIGNED	4	MEMNTRY2	- MEMENTRY 2 ADDRESS
48	(30)	ADDRESS	4	MEMASCB	ADDR OF ASCB FOR THIS MEMORY
52	(34)	SIGNED	4	MEMDMSAV (18)	SAVE AREA FOR DATA MAN USE
124	(7C)	ADDRESS	4	MEMALLOC	FOR ALLOC. SSI'S USE ONLY
128	(80)	SIGNED	4	MEMHUSER (2)	RESERVED FOR USER
136	(88)	BITSTRING	8	MEMHJBID	JOB ID SAVE FOR SIJS
144	(90)	SIGNED	4	MEMEOMCC	EOM condition code (copy of ASCBMCC)
				Comment	

```
EMHCNDB IATYCNDB DSECT=NO CONSOLE INFORMATION FOR
                         MESSAGE ROUTING:
                          - CONTAINS CONSOLE
                            INFORMATION FOR AN FSS
                            ONLY IF MEMFSS=1.
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
     Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT Name: IATYCNDB
      --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
     contains information related to the destination that
     messages should be sent to. This control block is built
     as commands are entered into to the system and is used by
     command processors as a destination for where to return
     messages to. The control block is imbeded in other
     control blocks and the size of the data area must not
     change (otherwise a JES3 cold start is required). The
     data is referenced by non-source maintained modules, so
     offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
```

```
  02 Length: 4
  01 Language: PL/X
  01 Storage Attributes:
  02 Allocation Method: Imbeded within other control blocks
  02 Main Storage: 94
  02 Virtual Storage: 94
  02 Auxiliary Storage: 94
  02 Subpool: n/a
  02 Key: 1
  02 Data Space: N/A
  02 Residency: any
  02 Frequency: n/a
  02 Size: 94
  02 Created by: n/a
  02 Deleted by: n/a
  02 Pointed to by: Imbeded within other control blocks
  02 Serialization: none
  01 EXTERNAL CLASSIFICATION: DMTI
  01 END OF EXTERNAL CLASSIFICATION:
  01 Distribution Library: AJES3MAC
  01 Method Of access:
  02 ASM: IATYCNDB
  02 PLX: %INCLUDE SYSLIB(IATYCNDB)
  01 CHANGE ACTIVITY:
     $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
     $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
 %
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
148	(94)	SIGNED	4	MEMHCNDB (0)	IATYCNDB.27: based variable for storage mapping
148	(94)	SIGNED	4		Four byte console id 0176
152	(98)	CHARACTER	4		IATYCNDB eyecatcher
156	(9C)	ADDRESS	4		IATYCNDB version
160	(A0)	BITSTRING	8		Reserved for development
168	(A8)	BITSTRING	8		Console Name 0176
176	(B0)	BITSTRING	24		Reserved for development
200	(C8)	SIGNED	2		Reserved for development
202	(CA)	BITSTRING	40		Reserved for development MESSAGE ROUTING: - CONTAINS CONSOLE INFORMATION FOR AN FSS ONLY IF MEMFSS=1.
242	(F2)	BITSTRING	2	MEMRSVDD	Reserved for Development
244	(F4)	BITSTRING	1	MEMWTOCH	WTO limit change indicator

Comment

```
-------------------------------------------------------------
      THE DEFINITIONS OF THE FSS TYPES ARE IN IATYFSS.
-------------------------------------------------------------
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
245	(F5)	BITSTRING	1	MEMFSTYP	TYPE OF FUNCTIONAL SUBSYSTEM 0832
246	(F6)	SIGNED	2	MEMRSVS1	Reserved for Service
248	(F8)	SIGNED	4	MEMTWSAX	NUMBER OF TASKS THAT ARE 0832 WAITING BECAUSE THE ADDRESS 0832 SPACE'S STAGING AREA LIMIT 0832 HAS BEEN EXCEEDED - THIS 0832 FIELD IS SERIALIZED BY 0832 COMPARE AND SWAP 0832 0832
252	(FC)	SIGNED	4	MEMWTOCT	WTO count for the address space
256	(100)	DBL WORD	8	MEMIVSTR	WTO period begin in STCK format
256	(100)	X'100'	0	MEMIVSTW	"MEMIVSTR,4" First word of MEMIVSTR
264	(108)	SIGNED	4	MEMWTOCL	Number of consecutive times the WTO limit was exceeded
268	(10C)	SIGNED	4	MEMRSVS2	Reserved for Service
272	(110)	CHARACTER	8	MEMHSRVC	Service class name

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
280	(118)	SIGNED	4	MEMWLMCT	WLM classification token
284	(11C)	BITSTRING	4	MEMSRMTK	WLM SRM token
288	(120)	BITSTRING	8	MEMATOKN	Address space token
296	(128)	BITSTRING	16	MEMTTOKN	Task token
312	(138)	SIGNED	4	MEMRSVS3	Reserved for IBM
316	(13C)	SIGNED	4	MEMHEND (0)	- END OF MEMDATA HEADER
316	(13C)	BITSTRING	1	MEMHSIZE (0)	- MEMDATA HEADER SIZE = L'MEMHSIZE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MEMENTRY	
0	(0)	CHARACTER	4	MEMEID	- MEMDATA ENTRY ID
4	(4)	SIGNED	4	MEMHEAD	- ADDRESS OF MEMDATA HEADER
8	(8)	BITSTRING	1	MEMFLG1	- FLAG1

Comment

```
-----------------------------------------------------------------
          DEFINITION OF MEMFLG1
-----------------------------------------------------------------
```

End of Comment

		1...		MEMDJOB	"X'80'" - THIS IS A DEMAND SELECT ENTRY
		.1..		MEMABNRL	"X'40'" - TASK HAS ABNORMALLY TERMINATED
		..1.		MEMRJPJB	"X'20'" - JOB IS FROM RJP
		...1		MEMITERM	"X'10'" P INIT REC'D FOR THIS INIT
		.... 1...		MEMNACTV	"X'08'" THIS MEME NOT ACTIVE
		.... .1..		MEMTSOJB	"X'04'" JOB IS TSO SESSION (LOGON)
		.... ..1.		MEMJES3R	"X'02'" JOB IS BEING JES3 RESTARTED
		1		MEMJTREQ	"X'01'" JOB TERM/REQUEUE JSQ SENT
9	(9)	BITSTRING	1	MEMFLG2	- FLAG2

Comment

```
-----------------------------------------------------------------
          DEFINITION OF MEMFLG2
-----------------------------------------------------------------
```

End of Comment

		1...		MEMSPT	"X'80'" JESYSMSG POINT DONE
		.1..		MEMJPTI	"X'40'" JOURNAL INPUT POINT DONE
		..1.		MEMJPTO	"X'20'" JOURNAL OUTPUT POINT DONE
		...1		MEM722	"X'10'" - PROCESSING ABEND722
		.... 1...		MEMLRL10	"X'08'" LOCATE DONE ON JES3 REL 10 (SMS UNIT AFF SSI SUPPORTED)
		.... .1..		MEMCOWER	"X'04'" COW chain error condition
		.... ..1.		MEMMPT	"X'02'" JESMSGLG point done
		1		MEMRCST	"X'01'" Return code set indicator
10	(A)	BITSTRING	1	MEMLIMF	LIMIT FLAGS

Comment

```
-------------------------------------------------------
          DEFINITION OF MEMLIMF
-------------------------------------------------------
```

End of Comment

		1...		MEMCANB	"X'80'" CANCEL JOB ON MAX BYTES
		.1..		MEMDMPB	"X'40'" CANCEL JOB WITH DUMP ON MAX BYTES
		..1.		MEMCANP	"X'20'" CANCEL JOB ON MAX PAGES
		...1		MEMDMPP	"X'10'" CANCEL JOB WITH DUMP ON MAX PAGES
		.... 1...		MEMCANC	"X'08'" - CANCEL JOB ON MAX CARDS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		MEMDMPC	"X'04'" - CANCEL JOB WITH DUMP ON MAX CARDS
		.... ..1.		MEMCANL	"X'02'" - CANCEL JOB ON MAX LINES
		1		MEMDMPL	"X'01'" - CANCEL JOB WITH DUMP ON MAX LINES
11	(B)	BITSTRING	1	MEMTFLG	TRANSACTION RELATED FLAGS

Comment

```
-------------------------------------------------------------
        DEFINITION OF BITS IN MEMTFLG
-------------------------------------------------------------
```

End of Comment

		1...		MEMTSNEW	"X'80'" - SYSOUT USERID CHANGED
		.1..		MEMTPACT	"X'40'" - TP IS CURRENTLY ACTIVE
12	(C)	BITSTRING	2	MEMWARNI	WARNING INCRE PERCENTAGES CARDS, LINES, BYTES, PAGES
14	(E)	BITSTRING	1	MEMRFLG	RESTART FLAGS

Comment

```
-------------------------------------------------------------
        DEFINITION OF BITS IN MEMRFLG
-------------------------------------------------------------
```

End of Comment

		1...		MEMRSR	"X'80'" - STEP RESTART
		.1..		MEMRCR	"X'40'" - CHECKPOINT RESTART
		..1.		MEMRCN	"X'20'" - CONTINUE RESTART
		...1		MEMRJQ	"X'10'" - PUT JOB IN HOLD
		.... 1...		MEMRWARM	"X'08'" - WARMSTART JOB
15	(F)	BITSTRING	1	MEMRECFM	RECORD FORMAT AND ASA
16	(10)	BITSTRING	1	MEMFLG7	Flag 7

Comment

```
-------------------------------------------------------------
        DEFINITION OF BITS IN MEMFLG7
-------------------------------------------------------------
```

End of Comment

		1...		MEMJSAB	"X'80'" - JSAB WAS CREATED
		.1..		MEMDEFSC	"X'40'" A deferred service class check is required
		..1.		MEMJMUER	"X'20'" JMU storage obtain error
		...1		MEMFG010	"X'10'" Reserved for IBM 0005
		.... 1...		MEMCMSPN	"X'08'" Spinoff of JESMSGLG and 0099 JESYSMSG due to op cmd 0099
		.... .1..		MEMXJMCL	"X'04'" JESMSGLG IRB close 0079 serialization flag 0079
		.... ..1.		MEMF7R02	"X'02'" Reserved for IBM
		1		MEMF7R01	"X'01'" Reserved for IBM
17	(11)	BITSTRING	1	MEMSERFL	Serialized flag 0005

Comment

```
------------------------------------------------------------- 0
      The flags defined in MEMSERFL must be serialized 0
      using compare and swap logic. 0
------------------------------------------------------------- 0
```

End of Comment

		1...		MEMJMSRB	"X'80'" - JESMSG SRB is active 0005
		.1..		MEMSER40	"X'40'" Reserved for IBM 0005
		..1.		MEMSER20	"X'20'" Reserved for IBM 0005
		...1		MEMSER10	"X'10'" Reserved for IBM 0005
		.... 1...		MEMSER08	"X'08'" Reserved for IBM 0005

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		MEMSER04	"X'04'" Reserved for IBM 0005
		.... ..1.		MEMSER02	"X'02'" Reserved for IBM 0005
		1		MEMSER01	"X'01'" Reserved for IBM 0005
18	(12)	BITSTRING	2	MEMRSV1	RESERVED FOR DEVELOPMENT 0005 1

Comment

```
EMECNDB IATYCNDB DSECT=NO CONSOLE INFORMATION FOR
                         MESSAGE ROUTING:
                          - CONTAIN CONSOLE
                            FOR AN RJP REMOTE ONLY
                            IF MEMRJPJB=1 IS SET
                            IN THE JOBS's MEMENTRY
                            MEMRJPJB=1 IS SET IN
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
     Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT Name: IATYCNDB
      --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
     contains information related to the destination that
     messages should be sent to. This control block is built
     as commands are entered into to the system and is used by
     command processors as a destination for where to return
     messages to. The control block is imbeded in other
     control blocks and the size of the data area must not
     change (otherwise a JES3 cold start is required). The
     data is referenced by non-source maintained modules, so
     offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbeded within other control blocks
02 Serialization: none
```

```
 01 EXTERNAL CLASSIFICATION: DMTI
 01 END OF EXTERNAL CLASSIFICATION:
 01 Distribution Library: AJES3MAC
 01 Method Of access:
 02 ASM: IATYCNDB
 02 PLX: %INCLUDE SYSLIB(IATYCNDB)
 01 CHANGE ACTIVITY:
    $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
    $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
     CASE/390 - VERSION 49
  END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
20	(14)	SIGNED	4	MEMECNDB (0)	IATYCNDB.27: based variable for storage mapping
20	(14)	SIGNED	4		Four byte console id 0176
24	(18)	CHARACTER	4		IATYCNDB eyecatcher
28	(1C)	ADDRESS	4		IATYCNDB version
32	(20)	BITSTRING	8		Reserved for development
40	(28)	BITSTRING	8		Console Name 0176
48	(30)	BITSTRING	24		Reserved for development
72	(48)	SIGNED	2		Reserved for development
74	(4A)	BITSTRING	40		Reserved for development
114	(72)	BITSTRING	2	MEMERSV1	Reserved for IBM
116	(74)	SIGNED	4	MEMSTMT	STATEMENT NUMBER OF LAST OUTPUT STATEMENT

Comment

```
-------------------------------------------------------------
      The next field represents a histogram of the last
      two TSO status request sizes. Each byte, multiplied
      by x'100', is the SSSCDIMP field content rounded up
      to the next X'100' boundary.
-------------------------------------------------------------
```

End of Comment

120	(78)	BITSTRING	1	MEMSTSZ (2)	TSO status request area sz.
122	(7A)	BITSTRING	8	MEMJBID	JOB ID
130	(82)	BITSTRING	8	MEMJNAME	- JOB NAME
138	(8A)	BITSTRING	8	MEMJDVT	- JDVT NAME
146	(92)	CHARACTER	18	MEMODSN	SYSOUT DATA SET NAME
146	(92)	X'92'	0	MEMPROC	"MEMODSN,8,C'C'" PROC NAME
146	(92)	X'9A'	0	MEMPT1	"MEMODSN+8,1,C'C'" PERIOD DELIMITER
146	(92)	X'9B'	0	MEMSTEP	"MEMODSN+9,8,C'C'" STEP NAME
146	(92)	X'A3'	0	MEMPT2	"MEMODSN+17,1,C'C'" PERIOD DELIMITER
164	(A4)	CHARACTER	26	MEMPRSYS	DSNAME FOR PROCESS SYSOUT
190	(BE)	BITSTRING	2	MEMRSVS4	Reserved for Service
192	(C0)	SIGNED	4	MEMACTL	- ACTUAL LINE COUNT
192	(C0)	X'C0'	0	MEMLNCDS	"MEMACTL,16" - LINES/CARDS ACTUALS/MAX
196	(C4)	SIGNED	4	MEMACTC	- ACTUAL CARD COUNT
200	(C8)	SIGNED	4	MEMMAXL	- MAXIMUM LINE COUNT
204	(CC)	SIGNED	4	MEMMAXC	- MAXIMUM CARD COUNT
208	(D0)	SIGNED	4	MEMMAXLE	- LINE COUNT FOR EXCESSION MSG
212	(D4)	SIGNED	4	MEMMAXCE	- CARD COUNT FOR EXCESSION MSG
216	(D8)	SIGNED	4	MEMACTB	- ACTUAL BYTE COUNT
216	(D8)	X'D8'	0	MEMBYPGS	"MEMACTB,16" BYTES/PAGES ACTUALS/MAX
220	(DC)	SIGNED	4	MEMACTP	- ACTUAL PAGE COUNT
224	(E0)	SIGNED	4	MEMMAXB	- MAXIMUM BYTE COUNT
228	(E4)	SIGNED	4	MEMMAXP	- MAXIMUM PAGE COUNT
232	(E8)	SIGNED	4	MEMMAXBE	- BTYE COUNT FOR EXCESSION MSG
236	(EC)	SIGNED	4	MEMMAXPE	- PAGE COUNT FOR EXCESSION MSG
240	(F0)	SIGNED	4	MEMJCC	- JOB COMPLETION CODE
244	(F4)	SIGNED	4	MEMSISAV	TEMPORARY SAVE AREA FOR JOBS
248	(F8)	BITSTRING	6	MEMTTRAC	1ST SPOOL ADDRESS OF JST 2232

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
254	(FE)	SIGNED	2	MEMALGN1	WORD ALIGNMENT 2232
256	(100)	SIGNED	4	MEMDSS	FIRST DSS OF DSS CHAIN
256	(100)	X'100'	0	MEMDSB	"MEMDSS,4" ADDRESS OF DSB
260	(104)	CHARACTER	4	MEMFCBID	FCB ID FOR 3211 PRINTER
264	(108)	CHARACTER	4	MEMUCSID	UCS IMAGE TO BE LOADED
268	(10C)	SIGNED	4	(0)	FORCE ALIGNMENT FOR RAB
268	(10C)	BITSTRING	112	MEMRAB	RECORD ALLOCATION BLOCK
380	(17C)	SIGNED	4	MEMJNUM	Job number (binary)
384	(180)	BITSTRING	1	MEMSTEPN	CURRENT STEP NUMBER
385	(181)	BITSTRING	1	MEMNSTEP	NO. OF STEPS IN THIS JOB
386	(182)	BITSTRING	6	MEMPSRBA	SPOOL ADDR - PROCESS SYSOUT 2232
392	(188)	BITSTRING	2	MEMALGN2	Reserved for IBM
394	(18A)	BITSTRING	1	MEMSPFLG	JESMSGLG & JESYSMSG spinoff flag byte

Comment

```
-------------------------------------------------------------
        Definition of MEMSPFLG
    NOTE: Flag MEMSPFLG must be defined identical
        to JSQSPFLG and RQSPFLG.
-------------------------------------------------------------
```

End of Comment

		1...		MEMSPIN	"X'80'" Job is eligible to SPINOFF JESMSGLG and JESYSMSG ds
		.1..		MEMSTIMI	"X'40'" SPINOFF by time interval (in seconds)
		..1.		MEMSTIMD	"X'20'" SPINOFF by TOD (in sec)
		...1		MEMSLINE	"X'10'" SPINOFF by line interval
		.... 1...		MEMNOSPN	"X'08'" NOSPIN specified
		.... .1..		MEMSUPRS	"X'04'" SUPPRESS specified
		.... ..1.		MEMSPF02	"X'02'" Reserved for IBM
		1		MEMSPF01	"X'01'" Reserved for IBM
394	(18A)	X'70'	0	MEMSPNLM	"MEMSTIMI+MEMSTIMD+MEMSLINE" Limit flags
395	(18B)	BITSTRING	1	MEMSKEY	STORAGE KEY FOR STORAGE STARTING AT MEMSACB
396	(18C)	ADDRESS	4	MEMSACB	ACB ADDR FOR JESYSMSG
400	(190)	ADDRESS	4	MEMSDEB	DEB ADDR FOR JESYSMSG
404	(194)	ADDRESS	4	MEMBACB	ACB ADDR FOR JCBLOCK/JST
408	(198)	ADDRESS	4	MEMBDEB	DEB ADDR FOR JCBLOCK/JST
412	(19C)	ADDRESS	4	MEMJACB	ACB ADDR FOR JOURNAL
416	(1A0)	ADDRESS	4	MEMJDEB	DEB ADDR FOR JOURNAL
420	(1A4)	ADDRESS	4	MEMJMACB	ACB addr for JESMSGLG
424	(1A8)	ADDRESS	4	MEMJMDEB	DEB addr for JESMSGLG
428	(1AC)	ADDRESS	4	MEMJMRPL	RPL addr for JESMSGLG
432	(1B0)	ADDRESS	4	MEMJMUPD	JESMSGLG Message Unit pending queue (non-BE WTOs) 0104
436	(1B4)	ADDRESS	4	MEMJMUWT	JESMSGLG Message Unit write queue (non-BE WTOs) 0104
440	(1B8)	SIGNED	4	MEMJMTHR	JESMSGLG threshold count for SRB processing
444	(1BC)	ADDRESS	4	MEMEJLSI	Pointer to the JLSI area 0079 for connect processing 0079
448	(1C0)	DBL WORD	8	MEMJMULK (0)	JESMSGLG Message Unit lock field - Serialized via CDS instr.
448	(1C0)	SIGNED	4	MEMJMTCB	Address of TCB holding this lock
452	(1C4)	SIGNED	4	MEMJMCNT	Count of number of JESMSGLG writes
456	(1C8)	SIGNED	4	MEMUSER (2)	RESERVED FOR USER
464	(1D0)	ADDRESS	4	MEMRRDSS	DSS FOR RAB REFRESH REQ
464	(1D0)	X'1D0'	0	MEMRRDSB	"MEMRRDSS,4" DSB FOR RAB REFRESH REQ
468	(1D4)	SIGNED	4	MEMACTS	ACTUAL SYSTEM LINES COUNT
472	(1D8)	CHARACTER	8	MEMASTEP	FAILING STEP NAME
480	(1E0)	CHARACTER	8	MEMAPROC	FAILING PROC NAME
488	(1E8)	CHARACTER	80	MEMTOKEN	TOKEN 0318
568	(238)	CHARACTER	8	MEMNODE	NODE
576	(240)	CHARACTER	8	MEMUSID	USERID
584	(248)	DBL WORD	8	MEMDWORD (2)	HEX CONVERSION
600	(258)	SIGNED	4	MEMFWORD	WORK AREAS
604	(25C)	SIGNED	4	MEMDSCNT	DATA SET COUNT
608	(260)	ADDRESS	4	MEMTPB	ADDRESS OF TRANSACTION BLOCK

IATYMEM Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
612	(264)	SIGNED	4	MEMMAXSE	SYSLINES COUNT FOR TOTAL SYSTEM MESSAGE REPORT

Comment

The next word represents a histogram of the last two request sizes. Each halfword, multiplied by x'100' is the total request length used for JES3 global communication.

End of Comment

616	(268)	SIGNED	2	MEMSTGSZ (2)	TSO global request size
620	(26C)	SIGNED	4	MEMERVS1	Reserved for Service
624	(270)	BITSTRING	1	MEMERVS5	Reserved for Service
625	(271)	BITSTRING	3	MEMMAXRC	Maximum step return code
628	(274)	ADDRESS	4	MEMCOWBN	COW anchor (barn)
632	(278)	SIGNED	4	MEMCOWCT	COW counter
636	(27C)	SIGNED	4	MEMCDATE	Current date
640	(280)	ADDRESS	4	MEMBEJPD	JESMSGLG Message Unit pending queue (Branch Entry WTOs) 0104
644	(284)	ADDRESS	4	MEMBEJWT	JESMSGLG Message Unit write queue (Branch Entry WTOs) 0104
648	(288)	SIGNED	4	MEMRSVS5	Reserved for IBM 0104
652	(28C)	SIGNED	4	MEMSPLCK	JESlog (JESMSGLG & JESYSMSG)0094 spinoff lock - this field 0094 serialized by COMPARE and 0094 SWAP 0094
656	(290)	BITSTRING	8	MEMTIME1	Binary time
664	(298)	SIGNED	4	MEMTDATE	Spinoff trigger date
668	(29C)	SIGNED	4	MEMTTIME	Spinoff trigger time
672	(2A0)	SIGNED	4	MEMSPVLU	JESMSGLG & JESYSMSG spinoff value (see MEMSPFLG)
676	(2A4)	BITSTRING	112	MEMJMRAB	Record Allocation Block for JESMSGLG dataset
788	(314)	BITSTRING	112	MEMSMRAB	Record Allocation Block for JESYSMSG dataset
900	(384)	SIGNED	4	MEMEEND (0)	END OF MEMDATA ENTRY
900	(384)	BITSTRING	1	MEMESIZE (0)	MEMENTRY SIZE = L'MEMESIZE

IATYMEM Cross Reference

Name	Hex Offset	Hex Value
MEMABNRL	8	40
MEMACTB	D8	0
MEMACTC	C4	0
MEMACTL	C0	0
MEMACTP	DC	0
MEMACTS	1D4	0
MEMALGN1	FE	
MEMALGN2	188	
MEMALLOC	7C	
MEMAPPC	26	4
MEMAPROC	1E0	40404040
MEMASCB	30	
MEMASID	24	0
MEMASTEP	1D8	40404040
MEMATOKN	120	0
MEMBACB	194	
MEMBDEB	198	
MEMBEJPD	280	
MEMBEJWT	284	
MEMBYPGS	D8	D8
MEMCANB	A	80
MEMCANC	A	8
MEMCANL	A	2
MEMCANP	A	20
MEMCDATE	27C	
MEMCHAIN	4	0
MEMCIFST	27	20
MEMCMSPN	10	8
MEMCOWBN	274	
MEMCOWCT	278	
MEMCOWER	9	4
MEMDEFSC	10	40
MEMDJOB	8	80
MEMDMPB	A	40
MEMDMPC	A	4
MEMDMPL	A	1
MEMDMPP	A	10
MEMDMSAV	34	0
MEMDSB	100	100
MEMDSCNT	25C	
MEMDSECT	0	
MEMDSS	100	0
MEMDWORD	248	0
MEMECNDB	14	
MEMEEND	384	
MEMEID	0	D4C5D4C5
MEMEJLSI	1BC	
MEMENTRY	0	

Name	Hex Offset	Hex Value
MEMEOMCC	90	
MEMERSV1	72	
MEMERVS1	26C	
MEMERVS5	270	
MEMESIZE	384	
MEMFCBID	104	
MEMFG010	10	10
MEMFLG1	8	0
MEMFLG2	9	0
MEMFLG7	10	0
MEMFSNRT	27	40
MEMFSS	27	80
MEMFSSGT	18	0
MEMFSSTM	27	10
MEMFSTYP	F5	0
MEMFWORD	258	
MEMF7R01	10	1
MEMF7R02	10	2
MEMHCNDB	94	
MEMHDSEL	26	20
MEMHEAD	4	0
MEMHEND	13C	
MEMHFLG1	26	0
MEMHFLG2	27	0
MEMHID	0	D4C5D4C8
MEMHJBID	88	0
MEMHSIZE	13C	
MEMHSRVC	110	40404040
MEMHUSER	80	0
MEMINIT	1C	0
MEMISTP	26	80
MEMISTRT	26	40
MEMITERM	8	10
MEMIVSTR	100	0
MEMIVSTW	100	100
MEMJACB	19C	
MEMJBID	7A	0
MEMJCC	F0	0
MEMJDEB	1A0	
MEMJDVT	8A	0
MEMJES3R	8	2
MEMJMACB	1A4	
MEMJMCNT	1C4	0
MEMJMDEB	1A8	
MEMJMRAB	2A4	0
MEMJMRPL	1AC	
MEMJMSRB	11	80
MEMJMTCB	1C0	0
MEMJMTHR	1B8	0
MEMJMUER	10	20
MEMJMULK	1C0	
MEMJMUPD	1B0	
MEMJMUWT	1B4	
MEMJNAME	82	0
MEMJNUM	17C	0
MEMJPTI	9	40
MEMJPTO	9	20
MEMJSAB	10	80
MEMJTREQ	8	1
MEMLIMF	A	0
MEMLNCDS	C0	C0
MEMLRL10	9	8
MEMMAXB	E0	0
MEMMAXBE	E8	0
MEMMAXC	CC	0
MEMMAXCE	D4	0
MEMMAXL	C8	0
MEMMAXLE	D0	0
MEMMAXP	E4	0
MEMMAXPE	EC	0
MEMMAXRC	271	0
MEMMAXSE	264	0
MEMMPT	9	2
MEMNACTV	8	8
MEMNODE	238	
MEMNOJLG	27	8
MEMNOSPN	18A	8
MEMNOSR	26	8
MEMNSTEP	181	0
MEMNTRY1	28	0
MEMNTRY2	2C	0
MEMODSN	92	
MEMPROC	92	92
MEMPRSYS	A4	
MEMPSRBA	182	
MEMPT1	92	9A
MEMPT2	92	A3
MEMRAB	10C	0
MEMRBUFF	C	
MEMRCN	E	20
MEMRCR	E	40
MEMRCST	9	1
MEMRECB	8	
MEMRECFM	F	0
MEMRFLG	E	0
MEMRJPJB	8	20
MEMRJQ	E	10
MEMRRDSB	1D0	1D0
MEMRRDSS	1D0	
MEMRSR	E	80
MEMRSVDD	F2	0
MEMRSVS1	F6	0
MEMRSVS2	10C	0
MEMRSVS3	138	0
MEMRSVS4	BE	0
MEMRSVS5	288	0
MEMRSV1	12	0
MEMRWARM	E	8
MEMSACB	18C	
MEMSDEB	190	
MEMSERFL	11	0
MEMSER01	11	1
MEMSER02	11	2
MEMSER04	11	4
MEMSER08	11	8
MEMSER10	11	10
MEMSER20	11	20
MEMSER40	11	40
MEMSISAV	F4	0
MEMSKEY	18B	
MEMSLINE	18A	10
MEMSMRAB	314	0
MEMSPFLG	18A	
MEMSPF01	18A	1
MEMSPF02	18A	2
MEMSPIN	18A	80
MEMSPLCK	28C	0
MEMSPNLM	18A	70
MEMSPT	9	80
MEMSPVLU	2A0	

IATYMEM Cross Reference

Name	Hex Offset	Hex Value
MEMSRMTK	11C	0
MEMSSVT	14	0
MEMSTEP	92	9B
MEMSTEPN	180	0
MEMSTGSZ	268	
MEMSTIMD	18A	20
MEMSTIMI	18A	40
MEMSTMT	74	0
MEMSTSZ	78	0
MEMSUPRS	18A	4
MEMTDATE	298	0
MEMTFLG	B	0
MEMTIME1	290	0
MEMTOKEN	1E8	
MEMTPACT	B	40
MEMTPB	260	
MEMTSNEW	B	80
MEMTSOJB	8	4
MEMTTIME	29C	0
MEMTTOKN	128	0
MEMTTRAC	F8	0
MEMTWSAX	F8	0
MEMUCSID	108	
MEMUSER	1C8	0
MEMUSID	240	
MEMWARNI	C	0
MEMWISEQ	10	0
MEMWLMCT	118	0
MEMWLMIN	26	2
MEMWLMSL	26	10
MEMWTOCH	F4	0
MEMWTOCL	108	0
MEMWTOCT	FC	0
MEMXJMCL	10	4
MEM722	9	10

IATYMGR Heading Information

Common Name: MESSAGE ROUTING TABLE BY WTO ROUTING CODE
Macro ID: IATYMGR
DSECT Name: MGRSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MGR
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 231
Auxiliary Storage: N/A
Size: MGRHSIZE - SIZE OF HEADER
MGRESIZE - INDIVIDUAL ENTRY SIZE
MGRTSIZE - TOTAL TABLE SIZE
Created by: IATINC2
Pointed to by: SVTMGR IN IATYSVT
Serialization: None
Function: Contains an entry for each MVS routing code and the information relating to JES3 console services for that entry.

IATYMGR Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	MGRSTART	Message Routing Table Header
0	(0)	CHARACTER	4	MGRID	Control block identifier
4	(4)	CHARACTER	8	MGRNAME	- Main processor name
12	(C)	BITSTRING	1	MGRHEND (0)	End of MSGROUTE Header
12	(C)	X'C'	0	MGRHSIZE	"MGRHEND-MGRSTART" Size of MSGROUTE Header

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	MGRENTRY	, Message Routing Table Entry
0	(0)	CHARACTER	8	MGRCON	MCS Console Name
8	(8)	BITSTRING	17	MGRROUT	Route code mask
25	(19)	CHARACTER	1	MGRFLAG1	MSGROUTE Flag One

Comment

```
-------------------------------------------------------------
      Definition of MGRFLAG1.
-------------------------------------------------------------
```

End of Comment

		1...		MGRREPLC	"X'80'" - Route code equivalent of the destination class associated with this MSGROUTE statement should replace message's route codes
26	(1A)	CHARACTER	1	MGRRSVD	Reserved for development
26	(1A)	X'1B'	0	MGREEND	"*" End of MSGROUTE entry
26	(1A)	X'1B'	0	MGRESIZE	"MGREEND-MGRENTRY" Size of MSGROUTE entry

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IATYMGR Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
Total size of MSGROUTE table for one main processor. This includes room for a header and enough entries for 128 route codes.					
End of Comment					
26	(1A)	X'D8C'	0	MGRTSIZE	"MGRHSIZE+(128*MGRESIZE)" Total table size

IATYMGR Cross Reference

Name	Hex Offset	Hex Value
MGRCON	0	
MGREEND	1A	1B
MGRENTRY	0	
MGRESIZE	1A	1B
MGRFLAG1	19	
MGRHEND	C	
MGRHSIZE	C	C
MGRID	0	D4C7D940
MGRNAME	4	
MGRREPLC	19	80
MGRROUT	8	
MGRRSVD	1A	
MGRSTART	0	
MGRTSIZE	1A	D8C

IATYMLWE Heading Information

Common Name: MULTI-LINE WTO WORK ELEMENT
Macro ID: IATYMLWE
DSECT Name: MLWE
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MLWE
Offset: 0
Length: 4
Storage Attributes: Main Storage: EXTENDED CSA
Auxiliary Storage: N/A
Size: MLWESIZE
Created by: IATCNSV
Pointed to by: FIELD SVTMWTO IN IATYSVT
Serialization: NONE
Function: This control block maps a multi-line WTO work element.

IATYMLWE Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MLWE	, MULTI-LINE WTO MAJOR LINE WORK ELEMENT
0	(0)	SIGNED	4	MLWEID	CONTROL BLOCK ID
4	(4)	BITSTRING	1	MLWEVRSN	VERSION LEVEL
4	(4)	X'1'	0	MLWE220	"1" VERSION LEVEL FOR HJS2220
4	(4)	X'1'	0	MLWECVID	"MLWE220" CURRENT VERSION
5	(5)	BITSTRING	3	NJWERSVD	RESERVED FOR DEVELOPMENT
8	(8)	DBL WORD	8	MLWETOD	CURRENT VALUE OF TOD CLOCK
16	(10)	SIGNED	4	MLWEDOM	MULTI-LINE WTO DOM ID
20	(14)	SIGNED	4	MLWEFRWD	FORWARD POINTER FOR WORK QUEUE
24	(18)	SIGNED	4	MLWEBACK	BACKWARD POINTER FOR WORK QUEUE
28	(1C)	SIGNED	4	MLWERSV2	RESERVED FOR DEVELOPMENT
32	(20)	SIGNED	4	MLWERFLS	REQUEST FLAGS FROM MAJOR
36	(24)	SIGNED	4	MLWENO	HARDCOPY ID FROM MAJOR
40	(28)	SIGNED	4	MLWEEND (0)	END OF WTO MAJOR LINE WORK ELEMENT
40	(28)	X'28'	0	MLWESIZE	"MLWEEND-MLWE" SIZE OF WTO MAJOR LINE WORK ELEMENT

IATYMLWE Cross Reference

Name	Hex Offset	Hex Value
MLWE	0	
MLWEBACK	18	
MLWECVID	4	1
MLWEDOM	10	
MLWEEND	28	
MLWEFRWD	14	
MLWEID	0	
MLWENO	24	
MLWERFLS	20	
MLWERSV2	1C	
MLWESIZE	28	28
MLWETOD	8	
MLWEVRSN	4	
MLWE220	4	1
NJWERSVD	5	

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IATYMLWO Heading Information

Common Name: Multi-Line Message Token
Macro ID: IATYMLWO
DSECT Name: MLWOSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MLWO
Offset: 0
Length: 4
Storage Attributes: Main Storage: JES3 Private, subpool 0
Auxiliary Storage: n/a
Key: 1 (JESKEY)
Residency: Any
Size: MLWOSIZE
Created by: IATXMLWO service
Pointed to by: MESSAGE macro parameter list on entry to MESSAGE service routine.
Serialization: None
Function: Describes one line of a multi-line message. Each line of a multi-line message is stored in its own copy of this token, which is built by the IATXMLWO macro. The lines are chained together and can then be passed to the MESSAGE macro via the MLWOLST keyword in order to display the multi-line message. Each line's token consists of the message text and a flag which indicates the type of the message line. The length of the message line is specified as the first byte of the text. The token for the first line of a multi-line message also contains the token address for the last line of the message, and a pointer to the end of last Getmain area that was obtained for the message.

IATYMLWO Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MLWOSTRT	
0	(0)	CHARACTER	4	MLWOID	Control block identifier
4	(4)	ADDRESS	4	MLWONEXT	Next MLWO in Message
8	(8)	ADDRESS	4	MLWOLAST	Last MLWO in Message (Only Used in 1st Line of Message)
12	(C)	ADDRESS	4	MLWOGEND	End of Last Getmain Area (Only Used in 1st Line of Message)
16	(10)	BITSTRING	1	MLWOTYPE	Line Type Flag
		1...		MLWOCNTL	"X'80'" Control Line
		.1..		MLWOLBL	"X'40'" Label Line
		..1.		MLWODATA	"X'20'" Data Line
17	(11)	CHARACTER	71	MLWOTEXT	Message Text
17	(11)	X'11'	0	MLWOTLEN	"MLWOTEXT,1" Length Byte for Msg Text
17	(11)	X'12'	0	MLWOTTXT	"MLWOTEXT+1,70" Actual Text of Message
17	(11)	X'58'	0	MLWOSIZE	"*-MLWOSTRT" Control Block Size

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IATYMLWO Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
Equates for maximum line lengths, maximum lines allowed in ML-WTO, and GETMAIN area size.					
End of Comment					
17	(11)	X'22'	0	MLWOCMAX	"34" Max length of Control Lines
17	(11)	X'46'	0	MLWOLMAX	"70" Max length of Label Lines
17	(11)	X'46'	0	MLWODMAX	"70" Max length of Data Lines
17	(11)	X'A'	0	MLWOGNUM	"10" Number of MLWOs per GETMAIN
17	(11)	X'370'	0	MLWOGSIZ	"MLWOGNUM*MLWOSIZE" Size of GETMAINs

IATYMLWO Cross Reference

Name	Hex Offset	Hex Value
MLWOCMAX	11	22
MLWOCNTL	10	80
MLWODATA	10	20
MLWODMAX	11	46
MLWOGEND	C	
MLWOGNUM	11	A
MLWOGSIZ	11	370
MLWOID	0	
MLWOLAST	8	
MLWOLBL	10	40
MLWOLMAX	11	46
MLWONEXT	4	
MLWOSIZE	11	58
MLWOSTRT	0	
MLWOTEXT	11	
MLWOTLEN	11	11
MLWOTTXT	11	12
MLWOTYPE	10	

IATYMNTR Heading Information

Common Name: Monitor FCT Data Area
Macro ID: IATYMNTR
DSECT Name:
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MNTR
Offset: MNTID
Length: 4
Storage Attributes: Main Storage: Module IATGRMN
Auxiliary Storage: N/A
Size: N/A
Created by: IATGRMN
Pointed to by: Register thirteen in IATGRMN
Serialization: N/A
Function: This macro defines the Monitor FCT Data Area.

IATYMNTR Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	MNTSTART	
0	(0)	CHARACTER	4	MNTID	Control block identifier

Comment

Message Request Table Information.

End of Comment

4	(4)	ADDRESS	4	MNTMRT1S	Address of the first Message Request table
8	(8)	ADDRESS	4	MNTMRTCR	Address of the current Message Request table
12	(C)	ADDRESS	4	MNTORD1S	Address of the first Message Request Table entry in the time ordered queue. The queue is ordered such that the entry for the job or FCT that is waiting the longest appears first
16	(10)	SIGNED	4	MNTORDCT	Number of elements in Message Request entry time ordered queue
20	(14)	SIGNED	4	MNTTOTCT	Actual number of jobs or FCTs that have exceeded the threshold time. This value is used for the summary message and differs from MNTORDCT in that this value is not limited by the COUNT parameter on the MNTRDEF macro.
24	(18)	ADDRESS	4	MNTPVMRE	Address of the last Message Request entry that preceeds the current time being added

Comment

Time stamp information.

End of Comment

32	(20)	DBL WORD	8	MNTCURTM	Current time (STCK value)
32	(20)	X'20'	0	MNTUSETM	"MNTCURTM,4" Useable part of current time
40	(28)	SIGNED	4	MNTINTVL	Current time interval (in hundreths of a second) that is associated with the current ATIME
44	(2C)	SIGNED	4	MNTOVRTT	Over the threshold time. An element would have to have a time stamp that is less than or equal to this time to be considered over the threshold. It is computed by subtracting the threshold time in the Monitor Definition Entry from the current time.

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		START Command Processing Work Area Note: When a new start command is being processed, the work area starting at MNTSCMST and ending at MNTSCMEN is set to zeroes.			
				End of Comment	
48	(30)	SIGNED	4	MNTSCMST (0)	Start of Work Area
48	(30)	CHARACTER	8	MNTSPARM	Temporary save area for *START command parameter
56	(38)	CHARACTER	8	MNTSVALU	Temporary save area for *START command value
				Comment	
		---------- Values that were specified on the START command. ----------			
				End of Comment	
64	(40)	CHARACTER	8	MNTSID	ID= value specified on the *START command
72	(48)	BITSTRING	8	MNTSINTV	INTERVAL= value specified on the *START command and converted to binary
80	(50)	BITSTRING	8	MNTSTHRS	THRESHOLD= value specified on the *START command and converted to binary
88	(58)	BITSTRING	8	MNTSCNT	COUNT= value specified on the *START command and converted to binary or "ALL"
96	(60)	CHARACTER	8	MNTSSUMM	SUMMARY= value specified on the *START command
104	(68)	BITSTRING	1	MNTSFLG1	*START command duplicate keyword flag
				Comment	
		---------- Definition of MNTSFLG1 ----------			
				End of Comment	
		1...		MNTDISPF	"X'80'" DISPLAY was found
		.1..		MNTIDF	"X'40'" ID= was found
		..1.		MNTINTVF	"X'20'" INTERVAL= was found
		...1		MNTTHRSF	"X'10'" THRESHOLD= was found
		.... 1...		MNTCNTF	"X'08'" COUNT= was found
		.... .1..		MNTSUMMF	"X'04'" SUMMARY= was found
		.... ..1.		MNTSRS02	"X'02'" Reserved flag
		1		MNTSRS01	"X'01'" Reserved flag
108	(6C)	SIGNED	4	MNTSCMEN (0)	End of Work Area
108	(6C)	X'3C'	0	MNTSCMSZ	"MNTSCMEN-MNTSCMST" Size of Work Area
				Comment	
		General Flags.			
				End of Comment	
108	(6C)	BITSTRING	1	MNTFLAG1	Monitor FCT Flag One
				Comment	
		---------- Definition of MNTFLAG1. ----------			
				End of Comment	
		1...		MNTATIMX	"X'80'" ATIME interval expired
		.1..		MNTCANCM	"X'40'" *CANCEL MONITOR command was issued

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		MNTSTRCM	"X'20'" *START MONITOR command was issued
		...1		MNTTERM	"X'10'" Monitor FCT termination in progress
		.... 1...		MNTINTMD	"X'08'" INTERVAL parameter was modified
		.... .1..		MNTRS104	"X'04'" Reserved flag
		.... ..1.		MNTRS102	"X'02'" Reserved flag
		1		MNTRS101	"X'01'" Reserved flag

Comment

The area from MNTSTART to MNTCLEND is cleared
across different invocations of the Monitor FCT.

End of Comment

112	(70)	DBL WORD	8	MNTCLEND (0)	End of area to clear
112	(70)	X'70'	0	MNTCLSIZ	"MNTCLEND-MNTSTART" Size of area to clear

Comment

ATIME Parameter List.
NTATIME ATIME MF=L ATIME Parameter List
$RX= OS280 HJS6608 981217 PD0DR: OS 2.8.0

End of Comment

112	(70)	SIGNED	4	(0)	ALIGNMENT
112	(70)	BITSTRING	4	MNTATIME	ID
116	(74)	SIGNED	4		TIME OR TOD VALUE
120	(78)	ADDRESS	4		ECF OR ENTER ADDRESS
124	(7C)	ADDRESS	1		FLAG BYTE1
125	(7D)	ADDRESS	1		FLAG BYTE2
126	(7E)	ADDRESS	1		ECF MASK FOR POST REQUEST
127	(7F)	ADDRESS	1		UNUSED
128	(80)	ADDRESS	4		FCT ADDRESS

Comment

Message Related Data.

MESSAGE Parameter List.

NTMESSG MESSAGE MF=L MESSAGE Parameter List
$RX=OS280 HJS6608 981217 PD0DR: OS 2.8.0

End of Comment

132	(84)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
132	(84)	ADDRESS	4	MNTMESSG	Text Address
136	(88)	BITSTRING	2		Destination Disp and Mask
138	(8A)	BITSTRING	1		Flags and Priority
139	(8B)	ADDRESS	1		Options Flag
140	(8C)	BITSTRING	2		Descriptor Codes
142	(8E)	SIGNED	2		Reserved 2 Bytes
144	(90)	BITSTRING	17		Routing Codes
161	(A1)	BITSTRING	1	(3)	Reserved
164	(A4)	BITSTRING	1	(8)	Jobid
172	(AC)	BITSTRING	1	(8)	Jobname
180	(B4)	BITSTRING	1	(8)	Key
188	(BC)	ADDRESS	4		CNDB Address 1
192	(C0)	ADDRESS	4		CNDB Address 2
196	(C4)	ADDRESS	4		CNDB Address 3
200	(C8)	ADDRESS	4		CNDB Address 4
204	(CC)	ADDRESS	4		CNDB Address 5
208	(D0)	ADDRESS	4		MLWO Address

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- IAT6394 MONITOR FUNCTION <ACTIVE|ENDED> ----------	
				End of Comment	
212	(D4)	ADDRESS	1	IAT6394	
213	(D5)	CHARACTER	25		
238	(EE)	CHARACTER	6	ACEN6394	"ACTIVE" or "ENDED"
238	(EE)	X'1F'	0	LEN6394	"*-IAT6394-1" Length of message
				Comment	
				---------- IAT6395 nnnnn REQUEST(S) waittext ----------	
				End of Comment	
244	(F4)	ADDRESS	1	IAT6395	
245	(F5)	CHARACTER	8		
253	(FD)	CHARACTER	5	NREQ6395	Number of requests waiting
258	(102)	CHARACTER	14		
272	(110)	CHARACTER	40	WAIT6395	Wait reason
272	(110)	X'43'	0	LEN6395	"*-IAT6395-1" Length of message
				Comment	
				---------- IAT6396 JOB jobname (jobid) waittext ----------	
				End of Comment	
312	(138)	ADDRESS	1	IAT6396	
313	(139)	CHARACTER	14		
327	(147)	CHARACTER	8	JBNM6396	Job name
335	(14F)	CHARACTER	2		
337	(151)	CHARACTER	8	JBID6396	Job identifier
345	(159)	CHARACTER	2		
347	(15B)	CHARACTER	40	WAIT6396	Wait reason
347	(15B)	X'4A'	0	LEN6396	"*-IAT6396-1" Length of message
				Comment	
				---------- IAT6397 FCT fctname (devname) waittext ----------	
				End of Comment	
387	(183)	ADDRESS	1	IAT6397	
388	(184)	CHARACTER	14		
402	(192)	CHARACTER	8	FCTN6397	FCT/DSP name
410	(19A)	CHARACTER	2		
412	(19C)	CHARACTER	8	DEVN6397	Device name or NODEVICE
420	(1A4)	CHARACTER	2		
422	(1A6)	CHARACTER	40	WAIT6397	Wait reason
422	(1A6)	X'4A'	0	LEN6397	"*-IAT6397-1" Length of message

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

				IAT6398 hhhhh HOURS mm MINUTES ss SECONDS	

				End of Comment	
462	(1CE)	ADDRESS	1	IAT6398	
463	(1CF)	CHARACTER	12		
475	(1DB)	CHARACTER	5	HRS6398	Number of hours
480	(1E0)	CHARACTER	8		
488	(1E8)	CHARACTER	2	MINS6398	Number of minutes
490	(1EA)	CHARACTER	10		
500	(1F4)	CHARACTER	2	SECS6398	Number of seconds
502	(1F6)	CHARACTER	8		
502	(1F6)	X'2F'	0	LEN6398	"*-IAT6398-1" Length of message
				Comment	

				IAT6399 ID INTERVAL THRESHOLD COUNT SUMMARY STATUS	

				End of Comment	
510	(1FE)	ADDRESS	1	IAT6399	
511	(1FF)	CHARACTER	36		
547	(223)	CHARACTER	20		
547	(223)	X'38'	0	LEN6399	"*-IAT6399-1" Length of message
				Comment	

				IAT6400 id interval threshold count summary status	

				End of Comment	
567	(237)	ADDRESS	1	IAT6400	
568	(238)	CHARACTER	8		
576	(240)	CHARACTER	8	ID6400	MNTRDEF identifier
584	(248)	CHARACTER	3		
587	(24B)	CHARACTER	3	INTV6400	Interval value
590	(24E)	CHARACTER	7		
597	(255)	CHARACTER	3	THRS6400	Threshold value
600	(258)	CHARACTER	5		
605	(25D)	CHARACTER	3	CNT6400	Count value
608	(260)	CHARACTER	3		
611	(263)	CHARACTER	4	SUMM6400	Summary value
615	(267)	CHARACTER	3		
618	(26A)	CHARACTER	8	STAT6400	Monitoring status
618	(26A)	X'3A'	0	LEN6400	"*-IAT6400-1" Length of message
				Comment	

				IAT6401 MONITOR START COMMAND REJECTED - reasontext	

				End of Comment	
626	(272)	ADDRESS	1	IAT6401	
627	(273)	CHARACTER	41		
668	(29C)	CHARACTER	40	REAS6401	Reason command was rejected
668	(29C)	X'51'	0	LEN6401	"*-IAT6401-1" Length of message

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

```
-----------------------------------------------------------
      IAT6402 MONITOR MODIFY PROCESSING COMPLETE
-----------------------------------------------------------
```

End of Comment

708	(2C4)	ADDRESS	1	IAT6402	
709	(2C5)	CHARACTER	42		
709	(2C5)	X'2A'	0	LEN6402	"*-IAT6402-1" Length of message

Comment

Monitor Definition Entries.
The following information describes the queues and resources that are being monitored, how often they should be monitored, etc. Some of these values should be modified by the user to achieve the desired results.
The following parameters can be specified. If not indicated otherwise, the value can be modified by the user.

(1) Description - Specifies a 40 byte description that describes the queue or resource being monitored. This description will appear in both the summary message and the individual messages that are issued for a particular job or FCT, unless the message is tailored by the monitoring routine specified by the ROUTINE parameter.

(2) Interval - Specifies the time interval in minutes that the Monitor FCT wakes up to check the specified queue or resource.

(3) Threshold - Specifies the amount of time in minutes that must elapse before a job or FCT waiting on the specified queue or resource will be displayed. For example, if a job is waiting for locate for more than 5 minutes, issue a message. The actual results may vary by a second due to rounding error that occurs when we translate the interval value in minutes to clock units.

(4) Count - Specifies the number of FCTs or jobs which are over the threshold value that should be displayed. The default is all jobs or FCTs. If a threshold value is specified, the FCTs or jobs that have been waiting the longest will be displayed. For example, if THRESHOLD=10 is specified for the allocate queue, issue a message for the ten jobs that have been waiting the longest on the allocate queue.

(5) Summary - Specifies whether a summary message that describes the number of jobs or FCTs waiting should be issued (YES), whether ONLY a summary message should be issued (ONLY), or whether no summary should be issued (NO).

(6) Routine - Specifies the address of the routine to get control to collect the data once the monitoring interval expires. This value should not be modified by the user.

End of Comment

752	(2F0)	SIGNED	4	MNTDEFEN (0)	Monitor Definition Entries

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

```
-----------------------------------------------------------
      JES3 Resource Monitoring Data.
      A JES3 resource is anything that can be used by
      an FCT and that can become unavailable. For
      example, the following are considered JES3
      resources:
      (1) Generalized subtasks
      (2) JSAM buffers
      (3) Job numbers
      (4) Spool space
      (5) AENQ resources
      (6) File Directory entries
      (7) Console buffers
      (8) Job Queue Elements
      Recommendations:
      ----------------
      This monitoring routine is automatically activated. 0
      It should be left active at all times. 0
      The interval value should be set to a medium value
      such as 5 to 10 minutes so that the FCT chain is
      not scanned that often. However, the threshold
      value should be set to one minute so that even small
      wait times are detected. SUMMARY should be set to
      YES or NO so that you get the individual messages
      for each FCT that is waiting for a resource. This
      information is necessary in order to determine the
      exact cause of the wait.
-----------------------------------------------------------
      $RJ=OS240 HJS6604 970324 PD0DR: OS 2.4.0
, MNTRDEF DESC='WAITING FOR JES3 RESOURCES',
, INTERVAL=5,
, THRESHOLD=1,
, COUNT=ALL,
, ROUTINE=MNJS3RSC,
, SUMMARY=YES,
, LAST=NO
```

				End of Comment	
752	(2F0)	SIGNED	4	RESOURCE (0)	
752	(2F0)	CHARACTER	8		Identifier
760	(2F8)	CHARACTER	40		
				Comment	
		Resource/queue description			
				End of Comment	
800	(320)	ADDRESS	4		Interval value in minutes
804	(324)	ADDRESS	4		
				Comment	
		Interval value in hundreths of a second			
				End of Comment	
808	(328)	SIGNED	4		Interval time remaining (initialized to zero)
812	(32C)	ADDRESS	4		Threshold value in minutes
816	(330)	ADDRESS	4		Threshold value in clock units
820	(334)	SIGNED	4		Display all jobs/FCTs that are over the threshold

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
824	(338)	ADDRESS	4		Address of routine to get control when monitoring interval expires
828	(33C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
829	(33D)	BITSTRING	3		Reserved for development

Comment

```
-------------------------------------------------------------
      Locate Monitoring Data.
      This Monitor Definition entry is used to monitor
      jobs that are waiting for a catalog locate request
      to complete. This includes jobs that do not have
      a locate subtask currently associated with it. Jobs
      that are active in locate in a C/I FSS address space
      can be monitored using the C/I FSS monitor
      definition that is described below.
      Recommendations
      ---------------
      This monitoring routine is automatically activated. 0
      You can deactivate it if you are not using JES3 0
      setup (although there is no harm in leaving it 0
      activated even when not using setup). The SUMMARY 0
      option should be set to YES or NO so that messages
      will be issued for individual jobs. This will allow
      you to determine which jobs are waiting so that you
      can cancel them if necessary.
-------------------------------------------------------------
      $RJ=OS240 HJS6604 970324 PD0DR: OS 2.4.0
, MNTRDEF DESC='WAITING FOR CATALOG LOCATE',
, INTERVAL=5,
, THRESHOLD=1,
, COUNT=ALL,
, ROUTINE=MNLOCATE,
, SUMMARY=YES,
, LAST=NO
```

End of Comment

Dec	Hex	Type/Value	Len	Name (Dim)	Description
832	(340)	SIGNED	4	LOCATE (0)	
832	(340)	CHARACTER	8		Identifier
840	(348)	CHARACTER	40		

Comment

Resource/queue description

End of Comment

Dec	Hex	Type/Value	Len	Name (Dim)	Description
880	(370)	ADDRESS	4		Interval value in minutes
884	(374)	ADDRESS	4		

Comment

Interval value in hundreths
of a second

End of Comment

Dec	Hex	Type/Value	Len	Name (Dim)	Description
888	(378)	SIGNED	4		Interval time remaining (initialized to zero)
892	(37C)	ADDRESS	4		Threshold value in minutes
896	(380)	ADDRESS	4		Threshold value in clock units
900	(384)	SIGNED	4		Display all jobs/FCTs that are over the threshold
904	(388)	ADDRESS	4		Address of routine to get control when monitoring interval expires
908	(38C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
909	(38D)	BITSTRING	3		Reserved for development

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment

					C/I FSS Monitoring Data.
					This Monitor Definition entry is used to monitor
					jobs that have been scheduled for C/I processing to
					a C/I FSS address space. Jobs that have locate
					processing performed in a C/I FSS address space are
					monitored by this routine, not the catalog locate
					monitoring routine.
					Recommendations

					This monitoring routine is automatically activated. 0
					You can deactivate it if you are not using C/I FSS 0
					address spaces (although there is no harm in leaving 0
					it activated even when not using them.) The SUMMARY 0
					option should be set to YES or NO so that messages
					will be issued for individual jobs. This will allow
					you to determine which jobs are waiting so that you
					can cancel them if necessary.

					$RJ=OS240 HJS6604 970324 PD0DR: OS 2.4.0
					, MNTRDEF DESC='ACTIVE IN A C/I FSS',
					, INTERVAL=5,
					, THRESHOLD=1,
					, COUNT=ALL,
					, ROUTINE=MNCIFSS,
					, SUMMARY=YES,
					, LAST=NO
					End of Comment
912	(390)	SIGNED	4	CIFSS (0)	
912	(390)	CHARACTER	8		Identifier
920	(398)	CHARACTER	40		
					Comment
		Resource/queue description			
					End of Comment
960	(3C0)	ADDRESS	4		Interval value in minutes
964	(3C4)	ADDRESS	4		
					Comment
		Interval value in hundreths of a second			
					End of Comment
968	(3C8)	SIGNED	4		Interval time remaining (initialized to zero)
972	(3CC)	ADDRESS	4		Threshold value in minutes
976	(3D0)	ADDRESS	4		Threshold value in clock units
980	(3D4)	SIGNED	4		Display all jobs/FCTs that are over the threshold
984	(3D8)	ADDRESS	4		Address of routine to get control when monitoring interval expires
988	(3DC)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
989	(3DD)	BITSTRING	3		Reserved for development

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

```
-----------------------------------------------------------
      System Select Queue Monitoring Data.
      This Monitor Definition entry is used to monitor
      jobs that are waiting in the MDS System Select
      queue for SMS resources to become available.
      Recommendations
      ---------------
      This monitoring routine is automatically activated. 0
      You can deactivate it if you are not using JES3 0
      setup for SMS managed data sets, although there is 0
      no harm in leaving it activated. Furthermore, if 0
      you enable and disable SMS managed resources such as 0
      storage groups often, leave this monitoring routine 0
      activated to make sure that you don't 0
      disable one or more SMS managed resources, and then
      forget to enable them.
-----------------------------------------------------------
      $RJ=OS240 HJS6604 970324 PD0DR: OS 2.4.0
, MNTRDEF DESC='WAITING IN SYSTEM SELECT',
, INTERVAL=5,
, THRESHOLD=5,
, COUNT=ALL,
, ROUTINE=MNSYSSLQ,
, SUMMARY=YES,
, LAST=NO
```

				End of Comment	
992	(3E0)	SIGNED	4	SYSSELQ (0)	
992	(3E0)	CHARACTER	8		Identifier
1000	(3E8)	CHARACTER	40		
				Comment	
		Resource/queue description			
				End of Comment	
1040	(410)	ADDRESS	4		Interval value in minutes
1044	(414)	ADDRESS	4		
				Comment	
		Interval value in hundreths of a second			
				End of Comment	
1048	(418)	SIGNED	4		Interval time remaining (initialized to zero)
1052	(41C)	ADDRESS	4		Threshold value in minutes
1056	(420)	ADDRESS	4		Threshold value in clock units
1060	(424)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1064	(428)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1068	(42C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1069	(42D)	BITSTRING	3		Reserved for development

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

```
-----------------------------------------------------------
      Allocate Queue Monitoring Data.
      This Monitor Definition entry is used to monitor
      jobs that are waiting in the MDS Allocate queue
      for some resource to become available. The job will
      only be displayed if it is waiting for devices,
      volumes, or data sets to become available, waiting
      for a volume mount that was initiated by another job,
      or waiting for a device fence to become available.
      A job will not be displayed if it is waiting for
      something like a class to be enabled.
      Recommendations
      ---------------
      This monitoring routine is not automatically 0
      activated because it can be normal for jobs to 0
      spend large amounts of time in the allocate queue 0
      when requestng tape mounts. 0
      This monitoring routine should only be activated
      if you are using JES3 setup. If the number of jobs
      in the allocate queue is large, you should set the
      COUNT parameter to something like 10 so that only
      the 10 longest jobs will be displayed.
                                                  0
      Note that since jobs can spend time in the allocate 0
      queue without a problem necessarily existing, you 0
      should activate this monitoring routine only if you 0
      are experiencing this condition excessively and you 0
      need to measure it to determine where and when the 0
      problem lies. 0
-----------------------------------------------------------
      $RJ=OS240 HJS6604 970324 PD0DR: OS 2.4.0
, MNTRDEF DESC='WAITING IN ALLOCATION',
, INTERVAL=0,
, THRESHOLD=0,
, COUNT=ALL,
, ROUTINE=MNALLOCQ,
, SUMMARY=YES,
, LAST=NO
```

				End of Comment	
1072	(430)	SIGNED	4	ALLOCQ (0)	
1072	(430)	CHARACTER	8		Identifier
1080	(438)	CHARACTER	40		
				Comment	
		Resource/queue description			
				End of Comment	
1120	(460)	ADDRESS	4		Interval value in minutes
1124	(464)	ADDRESS	4		
				Comment	
		Interval value in hundreths of a second			
				End of Comment	
1128	(468)	SIGNED	4		Interval time remaining (initialized to zero)
1132	(46C)	ADDRESS	4		Threshold value in minutes
1136	(470)	ADDRESS	4		Threshold value in clock units

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1140	(474)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1144	(478)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1148	(47C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1149	(47D)	BITSTRING	3		Reserved for development

Comment

```
-----------------------------------------------------------------
      Verify Queue Monitoring Data.
      This Monitor Definition entry is used to monitor
      jobs that are waiting in the MDS verify queue for
      one or more volume mounts to complete.
      Recommendations
      ---------------
      This monitoring routine should only be activated
      if you are using JES3 setup. If your installation
      has some type of response time objectives for
      mounting volumes, you may want to activate this
      monitoring routine. For example, if you promise
      your users 10 minute response time for volume mounts
      you may want to set the THRESHOLD value to 10 so
      that any job that has been waiting 10 minutes or
      more will be displayed.
-----------------------------------------------------------------
      $RJ=OS240 HJS6604 970324 PD0DR: OS 2.4.0
, MNTRDEF DESC='WAITING IN VERIFY',
, INTERVAL=0,
, THRESHOLD=0,
, COUNT=ALL,
, ROUTINE=MNVERFYQ,
, SUMMARY=YES,
, LAST=NO
```

End of Comment

1152	(480)	SIGNED	4	VERIFYQ (0)	
1152	(480)	CHARACTER	8		Identifier
1160	(488)	CHARACTER	40		

Comment

Resource/queue description

End of Comment

1200	(4B0)	ADDRESS	4		Interval value in minutes
1204	(4B4)	ADDRESS	4		

Comment

Interval value in hundreths
of a second

End of Comment

1208	(4B8)	SIGNED	4		Interval time remaining (initialized to zero)
1212	(4BC)	ADDRESS	4		Threshold value in minutes
1216	(4C0)	ADDRESS	4		Threshold value in clock units
1220	(4C4)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1224	(4C8)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1228	(4CC)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1229	(4CD)	BITSTRING	3		Reserved for development

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

```
-----------------------------------------------------------
      System Verify Queue Monitoring Data.
      This Monitor Definition entry is used to monitor
      jobs that are in the MDS System Verify queue.
      Recommendations
      ---------------
      This monitoring routine is automatically activated. 0
      You can deactivate it if you are not using JES3 0
      setup for SMS managed data sets, although there is 0
      no harm in leaving it activated. 0
      If you use JES3 in this way, this monitoring routine 0
      should always be left activated since jobs 0
      are not supposed to remain on the system verify
      queue for any length of time. Therefore, set the
      INTERVAL value to scan the queue every 5-10 minutes 0
      and set the THRESHOLD value to a very low value
      (0 or 1).
-----------------------------------------------------------
      $RJ=OS240 HJS6604 970324 PD0DR: OS 2.4.0
, MNTRDEF DESC='WAITING IN SYSTEM VERIFY',
, INTERVAL=5,
, THRESHOLD=1,
, COUNT=ALL,
, ROUTINE=MNSYSVRQ,
, SUMMARY=YES,
, LAST=NO
```

				End of Comment	
1232	(4D0)	SIGNED	4	SYSVERQ (0)	
1232	(4D0)	CHARACTER	8		Identifier
1240	(4D8)	CHARACTER	40		
				Comment	
		Resource/queue description			
				End of Comment	
1280	(500)	ADDRESS	4		Interval value in minutes
1284	(504)	ADDRESS	4		
				Comment	
		Interval value in hundreths of a second			
				End of Comment	
1288	(508)	SIGNED	4		Interval time remaining (initialized to zero)
1292	(50C)	ADDRESS	4		Threshold value in minutes
1296	(510)	ADDRESS	4		Threshold value in clock units
1300	(514)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1304	(518)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1308	(51C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1309	(51D)	BITSTRING	3		Reserved for development

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment

```
-------------------------------------------------------------
      DSP Wait Queue Monitoring Data.
      This Monitor Definition entry is used to monitor
      jobs that are waiting for a particular DSP to become
      available. In this case, the COUNT value that is
      specified indicates the number of jobs that should
      be displayed for each DSP. For example, if there are
      ten DSPs that have jobs waiting, then ten sets of
      messages will be displayed.
      Recommendations:
      ----------------
      This monitoring routine is automatically activated. 0
      You can deactivate it if you do not code on the 0
      SETPARAM statement SMSSETUP=YES, although there 0
      is no harm leaving it activated. 0
      The COUNT value should be set to a low value or
      SUMMARY=ONLY should be specified in order to reduce
      the number of messages that are issued.
      Otherwise, if you specify COUNT=ALL and you have a
      large backlog of jobs waiting for C/I processing,
      alot of messages will be issued.
-------------------------------------------------------------
      $RJ=OS240 HJS6604 970324 PD0DR: OS 2.4.0
, MNTRDEF DESC='WAITING FOR A DSP',
, INTERVAL=5,
, THRESHOLD=5,
, COUNT=ALL,
, ROUTINE=MNDSPWT,
, SUMMARY=ONLY,
, LAST=NO
```

End of Comment

1312	(520)	SIGNED	4	DSPWAIT (0)	
1312	(520)	CHARACTER	8		Identifier
1320	(528)	CHARACTER	40		

Comment

Resource/queue description

End of Comment

1360	(550)	ADDRESS	4		Interval value in minutes
1364	(554)	ADDRESS	4		

Comment

Interval value in hundreths
of a second

End of Comment

1368	(558)	SIGNED	4		Interval time remaining (initialized to zero)
1372	(55C)	ADDRESS	4		Threshold value in minutes
1376	(560)	ADDRESS	4		Threshold value in clock units
1380	(564)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1384	(568)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1388	(56C)	BITSTRING	1		Flag byte one, SUMMARY=ONLY was specified
1389	(56D)	BITSTRING	3		Reserved for development

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

```
-----------------------------------------------------------
      JSS Wait Queue Monitoring Data.
      This Monitor Definition entry is used to monitor
      jobs that are on some type of Job Segment Scheduler
      (JSS) wait queue waiting for some event to occur or
      for some resource to become available. This
      includes the following:
      (1) Jobs waiting for a proclib to become available.
          For example, someone is updating a proclib and
          there are jobs queued for C/I processing that
          need to use the proclib.
      (2) Jobs waiting for main, class, or group to
          become available.
      (3) Jobs waiting for SMS managed user catalogs to
          become available. For example, the job requires
          a particular user catalog and the storage group
          where the user catalog resides is disabled.
      (4) Jobs waiting for main to become available for
          catalog locate.
      The COUNT value that is specified indicates the
      the number of jobs that should be displayed for
      each resource or event. For example, if there are
      jobs waiting for a proclib and jobs waiting for
      a locate main, two sets of messages will be issued.
      Recommendations:
      ----------------
      This monitoring routine is automatically activated. 0
      It is used typically to monitor situations that 0
      involve the JES3 proclib update facility or 0
      if your catalogs are managed by DFSMS, although 0
      there is no harm in leaving it active at all times. 0
      The COUNT value should be set to a low value or
      SUMMARY=ONLY should be specified in order to reduce
      the number of messages that are issued.
      Otherwise, if you specify COUNT=ALL and you have a
      large backlog of jobs waiting for a main, class, or
      group, alot of messages will be issued.
-----------------------------------------------------------
      $RJ=OS240 HJS6604 970324 PD0DR: OS 2.4.0
, MNTRDEF DESC='WAITING FOR A RESOURCE OR EVENT',
, INTERVAL=5,
, THRESHOLD=5,
, COUNT=ALL,
, ROUTINE=MNJSSWT,
, SUMMARY=ONLY,
, LAST=NO
```

End of Comment

1392	(570)	SIGNED	4	JSSWAIT (0)	
1392	(570)	CHARACTER	8		Identifier
1400	(578)	CHARACTER	40		

Comment

Resource/queue description

End of Comment

1440	(5A0)	ADDRESS	4		Interval value in minutes
1444	(5A4)	ADDRESS	4		

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
		Interval value in hundreths of a second			
					End of Comment
1448	(5A8)	SIGNED	4		Interval time remaining (initialized to zero)
1452	(5AC)	ADDRESS	4		Threshold value in minutes
1456	(5B0)	ADDRESS	4		Threshold value in clock units
1460	(5B4)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1464	(5B8)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1468	(5BC)	BITSTRING	1		Flag byte one, SUMMARY=ONLY was specified
1469	(5BD)	BITSTRING	3		Reserved for development
					Comment

```
-------------------------------------------------------------
      Ending Function Waiting For I/O Monitoring Data
      This Monitor Definition entry is used to monitor
      jobs that are on the ending function I/O wait queue.
      When a job completes a JES3 function such as C/I,
      the Job Segement Scheduler (JSS) checks whether
      anybody is still using the job's control blocks. If
      so, the job is suspended and does not get scheduled
      for the next JES3 phase. Normally, the function
      that is using the job's control blocks finishes
      and releases the job's control blocks within a short
      period of time. When this occurs, the job can then
      be scheduled for the next phase of JES3 processing.
      However, if the function does not perform the proper
      cleanup or abends while accessing the job's control
      blocks, control blocks may never be released until
      JES3 is restarted.
      Recommendations
      ---------------
      This monitoring routine is automatically activated. 0
      It should be left active at all times. 0
      There is no need to constantly check this queue so
      a fairly large INTERVAL value like 30 minutes
      should be specified. However, the THRESHOLD value
      should be set to 1 minute because any job that has
      been waiting on this queue for that long is most
      likely going to remain there until the next JES3
      restart.
-------------------------------------------------------------
      $RJ=OS240 HJS6604 970324 PD0DR: OS 2.4.0
, MNTRDEF DESC='ENDING FUNCTION WAITING FOR I/O',
, INTERVAL=30,
, THRESHOLD=1,
, COUNT=ALL,
, ROUTINE=MNIOWAIT,
, SUMMARY=YES,
, LAST=YES
```

					End of Comment
1472	(5C0)	SIGNED	4	IOWAIT (0)	
1472	(5C0)	CHARACTER	8		Identifier
1480	(5C8)	CHARACTER	40		

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		Resource/queue description			
				End of Comment	
1520	(5F0)	ADDRESS	4		Interval value in minutes
1524	(5F4)	ADDRESS	4		
				Comment	
		Interval value in hundreths of a second			
				End of Comment	
1528	(5F8)	SIGNED	4		Interval time remaining (initialized to zero)
1532	(5FC)	ADDRESS	4		Threshold value in minutes
1536	(600)	ADDRESS	4		Threshold value in clock units
1540	(604)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1544	(608)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1548	(60C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1549	(60D)	BITSTRING	3		Reserved for development
1552	(610)	BITSTRING	4		End of table
				Comment	
End of Monitor FCT Data Area					
				End of Comment	
1556	(614)	SIGNED	4	MNTEND (0)	End of Monitor FCT Data Area
1556	(614)	X'614'	0	MNTSIZE	"*-MNTSTART" Size of Monitor FCT Data Area

IATYMNTR Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
ACEN6394	EE	40404040	LEN6398	1F6	2F
ALLOCQ	430		LEN6399	223	38
CIFSS	390		LEN6400	26A	3A
CNT6400	25D	404040	LEN6401	29C	51
DEVN6397	19C	40404040	LEN6402	2C5	2A
DSPWAIT	520		LOCATE	340	
FCTN6397	192	40404040	MINS6398	1E8	4040
HRS6398	1DB	40404040	MNTATIME	70	0
IAT6394	D4		MNTATIMX	6C	80
IAT6395	F4		MNTCANCM	6C	40
IAT6396	138		MNTCLEND	70	
IAT6397	183		MNTCLSIZ	70	70
IAT6398	1CE		MNTCNTF	68	8
IAT6399	1FE		MNTCURTM	20	0
IAT6400	237		MNTDEFEN	2F0	
IAT6401	272		MNTDISPF	68	80
IAT6402	2C4		MNTEND	614	
ID6400	240	40404040	MNTFLAG1	6C	0
INTV6400	24B	404040	MNTID	0	D4D5E3D9
IOWAIT	5C0		MNTIDF	68	40
JBID6396	151	40404040	MNTINTMD	6C	8
JBNM6396	147	40404040	MNTINTVF	68	20
JSSWAIT	570		MNTINTVL	28	0
LEN6394	EE	1F	MNTMESSG	84	
LEN6395	110	43	MNTMRTCR	8	
LEN6396	15B	4A	MNTMRT1S	4	
LEN6397	1A6	4A	MNTORDCT	10	0

IATYMNTR Cross Reference

Name	Hex Offset	Hex Value
MNTORD1S	C	
MNTOVRTT	2C	0
MNTPVMRE	18	
MNTRS101	6C	1
MNTRS102	6C	2
MNTRS104	6C	4
MNTSCMEN	6C	
MNTSCMST	30	
MNTSCMSZ	6C	3C
MNTSCNT	58	0
MNTSFLG1	68	0
MNTSID	40	40404040
MNTSINTV	48	0
MNTSIZE	614	614
MNTSPARM	30	40404040
MNTSRS01	68	1
MNTSRS02	68	2
MNTSSUMM	60	40404040
MNTSTART	0	
MNTSTHRS	50	0
MNTSTRCM	6C	20
MNTSUMMF	68	4
MNTSVALU	38	40404040
MNTTERM	6C	10
MNTTHRSF	68	10
MNTTOTCT	14	0
MNTUSETM	20	20
NREQ6395	FD	40404040
REAS6401	29C	40404040
RESOURCE	2F0	
SECS6398	1F4	4040
STAT6400	26A	40404040
SUMM6400	263	40404040
SYSSELQ	3E0	
SYSVERQ	4D0	
THRS6400	255	404040
VERIFYQ	480	
WAIT6395	110	40404040
WAIT6396	15B	40404040
WAIT6397	1A6	40404040

IATYMOD Programming Interface information

Programming Interface information

IATYMOD

End of Programming Interface information

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IATYMOD Heading Information

Common Name: JES3 MODULE ENTRY POINT IDENTIFIER
Macro ID: IATYMOD
DSECT Name: N/A
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: N/A
Auxiliary Storage: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: None
Function: IATYMOD CAUSES GENERATION OF A STANDARD
SET OF IDENTIFYING VALUES - THE NAME OF
THE CURRENT CSECT OR OTHER MODULE ID,
THE RELEASE LEVEL, THE ASSEMBLY DATE,
ASSEMBLY TIME AND ADDRESS OF APARNUM.
A DSECT WHICH ALLOWS SYMBOLIC REFERENCE
TO THE ID VALUES MAY ALSO BE REQUESTED.

NOTES = THE FIRST 30 BYTES OF IATJSLV MUST BE MAPPED AS FOLLOWS:

IATYMOD_BR_NO DSECT

MODNAME DS CL8 MODULE NAME

RELEASE DS CL8 RELEASE LEVEL

DATE DS CL8 DATE OF MOD ASSEM

TIME DS CL6 TIME OF MOD ASSEM

MACROS = IATZMNOT IXZXENVR

IATYMOD Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		
0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

IATYMOOS Programming Interface information

Programming Interface information

IATYMOOS

The following fields are **NOT** programming interface information:

- MOOSREGE
- MOOSR012
- MOOSSAVE

End of Programming Interface information

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IATYMOOS Heading Information

Common Name: DATA AREA PARAMETER LIST FOR IATMOOS/IATMOOI
Macro ID: IATYMOOS
DSECT Name: MOOS
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MOOS
Offset: MOOSID
Length: 4
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0 (JESPOOL)
Key: 1 (JESKEY)
Residency: ANY
Size: MOOSSIZE
Created by: IATMOOS
Pointed to by: R13 IN IATMOOS/IATMOOI,
MOOSNEXT in IATYMOOS
Serialization: NONE
Function: THIS AREA MAPS THE PARAMETER LIST USED BY IATMOOS TO COMMUNICATE WITH THE OUTPUT SERVICE MODIFY IMPLEMENTATION FCT MODULE IATMOOI.

IATYMOOS Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	MOOS	
0	(0)	SIGNED	4	MOOSSTRT (0)	
0	(0)	CHARACTER	4	MOOSID	IDENTIFIER
4	(4)	ADDRESS	4	MOOSNEXT	Address of next MOOS on the queue
8	(8)	SIGNED	4	MOOSTSIZ	Total size of storage which includes IATYMOOS plus a WSP
12	(C)	SIGNED	4	MOOSRSV1	Reserved for dev/service
16	(10)	SIGNED	4	MOOSLNCT	LINE LIMIT
20	(14)	SIGNED	4	MOOSPGCT	PAGE LIMIT
24	(18)	SIGNED	4	MOOSBYCT	Byte limit 16
24	(18)	X'3'	0	MAXPARM	"3" MAX NUMBER OF PARMS FOR H= WHEN MULTIPLE PARAMETERS ARE SPECIFIED.

Comment

```
-------------------------------------------------------------
     THESE MASKS INDICATE THE KEYWORDS SPECIFIED ON 0
     THE INPUT COMMAND TO BE USED AS THE SELECTION 0
     CRITERIA OF THE JES3 JOB.
-------------------------------------------------------------
```

End of Comment

28	(1C)	BITSTRING	8	MOOSIMSK (0)	SELECTION MASK
28	(1C)	BITSTRING	1	MOOSIMK0	1ST BYTE
		1...		MOOSIJNA	"X'80'" SELECT BY JOB NAME
		.1..		MOOSIJNO	"X'40'" SELECT BY JOB NUMBER
		..1.		MOOSIDG	"X'20'" SELECT BY DEVICE GROUP
		...1		MOOSIPTY	"X'10'" SELECT BY PRIORITY
		.... 1...		MOOSIDST	"X'08'" SELECT BY DESTINATION
		.... .1..		MOOSIGTY	"X'04'" SELECT BY GENERAL TYPE
		.... ..1.		MOOSISTY	"X'02'" SELECT BY SPECIFIC TYPE
		1		MOOSIFRM	"X'01'" SELECT BY FORMS
29	(1D)	BITSTRING	1	MOOSIMK1	2ND BYTE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		MOOSIFCB	"X'80'" SELECT BY FCB
		.1..		MOOSIUCS	"X'40'" SELECT BY UCS
		..1.		MOOSICLS	"X'20'" SELECT BY CLASS
		...1		MOOSIUID	"X'10'" SELECT BY USER ID
		.... 1...		MOOSICHR	"X'08'" SELECT BY CHARS
		.... .1..		MOOSIFLS	"X'04'" SELECT BY FLASH
		.... ..1.		MOOSICPM	"X'02'" SELECT BY COPY MOD
		1		MOOSISTK	"X'01'" SELECT BY STACKER
30	(1E)	BITSTRING	1	MOOSIMK2	3RD BYTE
		1...		MOOSIDDN	"X'80'" SELECT BY DD NAME
		.1..		MOOSILCN	"X'40'" SELECT BY LINE COUNT
		..1.		MOOSIHDY	"X'20'" SELECT BY HOLD TYPE(S)
		...1		MOOSIHDN	"X'10'" SELECT BY HOLD=N
		.... 1...		MOOSIWTR	"X'08'" SELECT BY EXT. WRITER NAME
		.... .1..		MOOSIDSD	"X'04'" SELECT BY DSID
		.... ..1.		MOOSIBGP	"X'02'" SELECT BY BDT GROUP ID
		1		MOOSIBTP	"X'01'" SELECT BY BDT TYPE
31	(1F)	BITSTRING	1	MOOSIMK3	4TH BYTE
		1...		MOOSICPC	"X'80'" SELECT BY COPY COUNT
		.1..		MOOSIPM	"X'40'" SELECT BY PROCESS MOD
		..1.		MOOSIPG	"X'20'" SELECT BY NUMBER OF PAGES
		...1		MOOSITRM	"X'10'" SELECT BY TERMINAL NAME
		.... 1...		MOOSIAGE	"X'08'" SELECT BY DATA SET AGE
		.... .1..		MOOSIDSN	"X'04'" SELECT BY DATASET NAME DSN=
		.... ..1.		MOOSISL	"X'02'" SELECT BY SECLABL=
		1		MOOSIAPC	"X'01'" SELECT BY APPC TRANSACTION
32	(20)	BITSTRING	1	MOOSIMK4	FIFTH BYTE
		1...		MOOSIOTB	"X'80'" SELECT BY OUTBIN ID 0146
		.1..		MOOSIBY	"X'40'" Select by number of bytes
		..1.		MOOSIIPA	"X'20'" Select by IP address
		...1		MOOSIFMD	"X'10'" Select by FORMDEF
		.... 1...		MOOSIPGD	"X'08'" Select by PAGEDEF
		.... .1..		MOOSICJ	"X'04'" Select by client job CJ=
		.... ..1.		MOOSICJI	"X'02'" Select by client job id
		1		MOOSICJN	"X'01'" Select by client job name
33	(21)	BITSTRING	1	MOOSIMK5	RESERVED FOR DEV./SERVICE
34	(22)	BITSTRING	1	MOOSIMK6	RESERVED FOR DEV./SERVICE
35	(23)	BITSTRING	1	MOOSIMK7	RESERVED FOR DEV./SERVICE

Comment

```
-------------------------------------------------------------
    THIS FULLWORD INDICATES THE KEYWORDS SPECIFIED
    ON THE INPUT COMMAND TO BE USED FOR CHANGES
    REQUIRED OF THE SPECIFIED JES3 JOB(S).
-------------------------------------------------------------
```

End of Comment

36	(24)	BITSTRING	4	MOOSOMSK (0)	OUTPUT MASK
36	(24)	BITSTRING	1	MOOSOMK0	1ST BYTE
		1...		MOOSOCLS	"X'80'" CHANGE CLASS
		.1..		MOOSOPTY	"X'40'" CHANGE PRIORITY
		..1.		MOOSOFRM	"X'20'" CHANGE FORMS
		...1		MOOSODST	"X'10'" CHANGE DESTINATION
		.... 1...		MOOSOSPT	"X'08'" CHANGE SPECIFIC TYPE
		.... .1..		MOOSOHLD	"X'04'" CHANGE HOLD
		.... ..1.		MOOSOFCB	"X'02'" CHANGE FCB
		1		MOOSOUCS	"X'01'" CHANGE UCS
37	(25)	BITSTRING	1	MOOSOMK1	2ND BYTE
		1...		MOOSOCHR	"X'80'" CHANGE CHARACTERS
		.1..		MOOSOFLS	"X'40'" CHANGE FLASH
		..1.		MOOSOCPM	"X'20'" CHANGE COPY MOD
		...1		MOOSOSTK	"X'10'" CHANGE STACKER
		.... 1...		MOOSOCAN	"X'08'" CHANGE CANCEL

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		MOOSONCP	"X'04'" CHANGE NCP
		.... ..1.		MOOSONQ	"X'02'" CHANGE NQ
		1		MOOSOWTR	"X'01'" CHANGE WRITER NAME
38	(26)	BITSTRING	1	MOOSOMK2	3RD BYTE
		1...		MOOSODSD	"X'80'" CHANGE DSID
		.1..		MOOSOPM	"X'40'" CHANGE PROCESS MODE
		..1.		MOOSORDT	"X'20'" RESET SEC. DESTINATION
		...1		MOOSOOTB	"X'10'" CHANGE OUTBIN ID 0146
		.... 1...		MOOSOIPA	"X'08'" Change IP address
		.... .1..		MOOSOFMD	"X'04'" Change FORMDEF
		.... ..1.		MOOSOPGD	"X'02'" Change PAGEDEF
		1		MOOSORS7	"X'01'" UNUSED
39	(27)	BITSTRING	1	MOOSOMK3	4TH BYTE
		1...		MOOSORS8	"X'80'" UNUSED
		.1..		MOOSORS9	"X'40'" UNUSED
		..1.		MOOSORSA	"X'20'" UNUSED
		...1		MOOSORSB	"X'10'" UNUSED
		.... 1...		MOOSORSC	"X'08'" UNUSED
		.... .1..		MOOSORSD	"X'04'" UNUSED
		.... ..1.		MOOSORSE	"X'02'" UNUSED
		1		MOOSORSF	"X'01'" UNUSED
40	(28)	BITSTRING	4	MOOSRVS2	RESERVED FOR SERVICE

Comment

```
OOSCNSL IATYCNDB DSECT=NO CALLING CONSOLE'S CNDB
  IATYCNDB_1:;
  START OF SPECIFICATIONS
 01 PROPRIETARY STATEMENT=
   PROPRIETARY_STATEMENT
   LICENSED MATERIALS - PROPERTY OF IBM
   THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
   5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
   STATUS= HJS6604
   END_OF_PROPRIETARY_STATEMENT
     This data area is maintained as a CASE mapping macro.
     Changes should be made to the CASE source and then
     the PLX and Assembler should be regenerated.
     Do NOT make changes to the PLX or Assembler directly!
 01 Descriptive Name: Console Destination Block
      Acronym: CNDB
 01 Macro Name: IATYCNDB
 01 DSECT Name: IATYCNDB
       --based variable for storage mapping
 01 Component: JES3 (SC1BA)
 01 Function:
 02 The console destination block is a control block that
      contains information related to the destination that
      messages should be sent to. This control block is built
      as commands are entered into to the system and is used by
      command processors as a destination for where to return
      messages to. The control block is imbeded in other
      control blocks and the size of the data area must not
      change (otherwise a JES3 cold start is required). The
      data is referenced by non-source maintained modules, so
      offsets into the data area must not change.
 01 Eye-Catcher: CNDBEYE
 02 Offset: 4
 02 Length: 4
 01 Language: PL/X
 01 Storage Attributes:
 02 Allocation Method: Imbeded within other control blocks
```

```
  02 Main Storage: 94
  02 Virtual Storage: 94
  02 Auxiliary Storage: 94
  02 Subpool: n/a
  02 Key: 1
  02 Data Space: N/A
  02 Residency: any
  02 Frequency: n/a
  02 Size: 94
  02 Created by: n/a
  02 Deleted by: n/a
  02 Pointed to by: Imbeded within other control blocks
  02 Serialization: none
  01 EXTERNAL CLASSIFICATION: DMTI
  01 END OF EXTERNAL CLASSIFICATION:
  01 Distribution Library: AJES3MAC
  01 Method Of access:
  02 ASM: IATYCNDB
  02 PLX: %INCLUDE SYSLIB(IATYCNDB)
  01 CHANGE ACTIVITY:
     $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
     $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
44	(2C)	SIGNED	4	MOOSCNSL (0)	IATYCNDB.27: based variable for storage mapping
44	(2C)	SIGNED	4		Four byte console id 0176
48	(30)	CHARACTER	4		IATYCNDB eyecatcher
52	(34)	ADDRESS	4		IATYCNDB version
56	(38)	BITSTRING	8		Reserved for development
64	(40)	BITSTRING	8		Console Name 0176
72	(48)	BITSTRING	24		Reserved for development
96	(60)	SIGNED	2		Reserved for development
98	(62)	BITSTRING	40		Reserved for development

Comment

```
OOSCNS IATYCNDB DSECT=NO CONS= RESP CONSOLE'S CNDB
   IATYCNDB_1:;
   START OF SPECIFICATIONS
  01 PROPRIETARY STATEMENT=
    PROPRIETARY_STATEMENT
    LICENSED MATERIALS - PROPERTY OF IBM
    THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
    5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
    STATUS= HJS6604
    END_OF_PROPRIETARY_STATEMENT
      This data area is maintained as a CASE mapping macro.
      Changes should be made to the CASE source and then
      the PLX and Assembler should be regenerated.
      Do NOT make changes to the PLX or Assembler directly!
  01 Descriptive Name: Console Destination Block
       Acronym: CNDB
  01 Macro Name: IATYCNDB
  01 DSECT Name: IATYCNDB
```

```
      --based variable for storage mapping
 01 Component: JES3 (SC1BA)
 01 Function:
 02 The console destination block is a control block that
      contains information related to the destination that
      messages should be sent to. This control block is built
      as commands are entered into to the system and is used by
      command processors as a destination for where to return
      messages to. The control block is imbeded in other
      control blocks and the size of the data area must not
      change (otherwise a JES3 cold start is required). The
      data is referenced by non-source maintained modules, so
      offsets into the data area must not change.
 01 Eye-Catcher: CNDBEYE
 02 Offset: 4
 02 Length: 4
 01 Language: PL/X
 01 Storage Attributes:
 02 Allocation Method: Imbeded within other control blocks
 02 Main Storage: 94
 02 Virtual Storage: 94
 02 Auxiliary Storage: 94
 02 Subpool: n/a
 02 Key: 1
 02 Data Space: N/A
 02 Residency: any
 02 Frequency: n/a
 02 Size: 94
 02 Created by: n/a
 02 Deleted by: n/a
 02 Pointed to by: Imbeded within other control blocks
 02 Serialization: none
 01 EXTERNAL CLASSIFICATION: DMTI
 01 END OF EXTERNAL CLASSIFICATION:
 01 Distribution Library: AJES3MAC
 01 Method Of access:
 02 ASM: IATYCNDB
 02 PLX: %INCLUDE SYSLIB(IATYCNDB)
 01 CHANGE ACTIVITY:
    $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
    $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
     CASE/390 - VERSION 49
  END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
140	(8C)	SIGNED	4	MOOSCNS (0)	IATYCNDB.27: based variable for storage mapping
140	(8C)	SIGNED	4		Four byte console id 0176
144	(90)	CHARACTER	4		IATYCNDB eyecatcher
148	(94)	ADDRESS	4		IATYCNDB version
152	(98)	BITSTRING	8		Reserved for development
160	(A0)	BITSTRING	8		Console Name 0176
168	(A8)	BITSTRING	24		Reserved for development
192	(C0)	SIGNED	2		Reserved for development
194	(C2)	BITSTRING	40		Reserved for development
234	(EA)	BITSTRING	8	MOOSCONS	CONSOLE NAME
242	(F2)	CHARACTER	8	MOOSCART	CART OF THE COMMAND ISSUER
250	(FA)	BITSTRING	8	MOOSJID	JOB IDENTIFIER (NAME/NUMBER)
260	(104)	SIGNED	4	MOOSJOBB	BINARY JOB NUMBER
264	(108)	BITSTRING	8	MOOSDEST	DESTINATION (PRIMARY) D003
272	(110)	BITSTRING	8	MOOSDST2	DESTINATION (SECONDARY) D003
280	(118)	BITSTRING	8	MOOSXWTR	EXTERNAL WRITER NAME
288	(120)	BITSTRING	8	MOOSDSID	DATA SET ID
296	(128)	BITSTRING	8	MOOSFORM	FORMS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
304	(130)	BITSTRING	8	MOOSCARR	CARRAIGE TAPE/ FCB ID
312	(138)	BITSTRING	8	MOOSURID	USER ID
320	(140)	BITSTRING	8	MOOSLINE	LINE COUNT
328	(148)	BITSTRING	8	MOOSPAGE	PAGE COUNT
336	(150)	BITSTRING	8	MOOSBYTE	Byte count
344	(158)	BITSTRING	8	MOOSDG	DEVICE GROUP NAME
352	(160)	BITSTRING	8	MOOSPM	PROCESS MODE
360	(168)	BITSTRING	8	MOOSGPID	BDT GROUP IDENTIFIER
368	(170)	BITSTRING	4	MOOSOTBN	OUTBIN ID 0146
372	(174)	BITSTRING	124	MOOSIPAD	IP address
496	(1F0)	BITSTRING	6	MOOSFRMD	FORMDEF
502	(1F6)	BITSTRING	6	MOOSPAGD	PAGEDEF
508	(1FC)	BITSTRING	8	MOOSRSV4	RESERVED FOR DEVELOPMENT
516	(204)	BITSTRING	8	MOOSSL	SECLABL
524	(20C)	BITSTRING	6	MOOSNSTR	NETWORK STREAM
530	(212)	BITSTRING	4	MOOSCHAR (4)	CHARS
546	(222)	BITSTRING	4	MOOSFLSH	FLASH ID
550	(226)	BITSTRING	4	MOOSUCS	UCS ID
554	(22A)	BITSTRING	4	MOOSQUE	QUE TO SEARCH
558	(22E)	BITSTRING	4	MOOSRSV5	RESERVED FOR USER
562	(232)	BITSTRING	24	MOOSDD	DDNAME

Comment

```
-------------------------------------------------------------
    THE FOLLOWING FIVE FIELDS DEFINE THE DATA SET NAME AS
    BROKEN INTO THE 5 STRUCTURED FIELDS. THEY ARE
    USED AS INPUT TO THE JDSGET MACRO, THEY MUST REMAIN
    IN ORDER.
-------------------------------------------------------------
```

End of Comment

586	(24A)	BITSTRING	1	MOOSDSN (0)	
586	(24A)	BITSTRING	8	MOOSDSNU	USERID (IN JDS)
594	(252)	BITSTRING	8	MOOSDSNN	JOB NAME (IN JDS)
602	(25A)	BITSTRING	8	MOOSDSNJ	JOBID (IN JDS)
610	(262)	BITSTRING	8	MOOSDSNB	DS NUMBER (IN JDS)
618	(26A)	BITSTRING	8	MOOSDSNM	DS NAME (IN JDS) END OF DSNAME LIST
626	(272)	BITSTRING	3	MOOSGT	GENERAL TYPE
629	(275)	BITSTRING	5	MOOSST	SPECIFIC TYPE
634	(27A)	BITSTRING	3	MOOSCPTY	PRIORITY IN CHARACTER
637	(27D)	BITSTRING	1	MOOSBPTY	PRIORITY
638	(27E)	BITSTRING	3	MOOSCCPY	COPIES IN CHARACTER
641	(281)	BITSTRING	1	MOOSBCPY	COPIES
642	(282)	BITSTRING	4	MOOSCM	COPY MODIFICATION
642	(282)	X'286'	0	MOOSRC	"MOOSCM+4,1,X'00'"
647	(287)	BITSTRING	1	MOOSSS	STACKER
648	(288)	SIGNED	2	MOOSSEQ	DDNAME SEQUENCE NUMBER
650	(28A)	BITSTRING	1	MOOSH	HOLD STATUS
651	(28B)	BITSTRING	1	MOOSHTYP	HOLD TYPE(S)
652	(28C)	BITSTRING	1	MOOSCL	CLASS
653	(28D)	BITSTRING	1	MOOSRSVD	PADDING D014
654	(28E)	CHARACTER	8	MOOSAPC	VALUE CODED ON APPC KWD D014
662	(296)	BITSTRING	1	MOOSINDX	IATMOOI message rtn index
663	(297)	BITSTRING	1	MOOSRVS7	Reserved for service
664	(298)	ADDRESS	4	MOOSRETA	MOOSPRSE routine address
668	(29C)	CHARACTER	8	MOOSCJ	Value coded on CJ= keyword
676	(2A4)	CHARACTER	8	MOOSCJID	Value coded on CJID= keyword
684	(2AC)	CHARACTER	8	MOOSCJNM	Value coded on CJNM= keyword
692	(2B4)	BITSTRING	70	MOOSRVS3	Reserved for service

IATYMOOS Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
DATA QUEUE CHANGES					
End of Comment					
762	(2FA)	CHARACTER	4	MOOSQID	DQE IDENTIFIER
766	(2FE)	BITSTRING	8	MOOSND	NEW DESTINATION
774	(306)	BITSTRING	8	MOOSNF	NEW FORMS
782	(30E)	BITSTRING	8	MOOSNC	NEW CARRIAGE TAPE/FCB
790	(316)	BITSTRING	8	MOOSNW	NEW WRITER NAME
798	(31E)	BITSTRING	8	MOOSNDSI	NEW DSID
806	(326)	BITSTRING	8	MOOSNPM	NEW PROCESS MODE NAME
814	(32E)	BITSTRING	4	MOOSNU	NEW UCS ID
818	(332)	BITSTRING	4	MOOSNCH (4)	NEW CHARS
834	(342)	BITSTRING	4	MOOSNFL	NEW FLASH
838	(346)	BITSTRING	4	MOOSNCM	NEW COPY MODIFICATION
838	(346)	X'34A'	0	MOOSNRC	"MOOSNCM+4,1,X'00'"
843	(34B)	BITSTRING	1	MOOSNSS	NEW STACKER
844	(34C)	BITSTRING	1	MOOSNH	NEW HOLD STATUS
845	(34D)	BITSTRING	3	MOOSNPTY	
848	(350)	ADDRESS	1	MOOSNP	NEW PRIORITY
849	(351)	BITSTRING	3	MOOSNCPY	
852	(354)	BITSTRING	1	MOOSNCP	NEW COPIES
853	(355)	BITSTRING	1	MOOSNCL	NEW SYSOUT CLASS
854	(356)	BITSTRING	5	MOOSNST	NEW DEVICE TYPE
859	(35B)	BITSTRING	1	MOOSRSV6	RESERVED FOR DEVELOPMENT
860	(35C)	BITSTRING	4	MOOSNOB	NEW OUTBIN ID 0146
864	(360)	BITSTRING	124	MOOSNIPA	New IP address
988	(3DC)	BITSTRING	6	MOOSNFMD	New FORMDEF
994	(3E2)	BITSTRING	6	MOOSNPGD	New PAGEDEF
1000	(3E8)	SIGNED	4	MOOSCEND (0)	END OF COMMON SECTION 0266
1000	(3E8)	X'3E8'	0	MOOSCLEN	"MOOSCEND-MOOSSTRT" LENGTH OF COMMON SECTION 0266

IATYMOOS Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
MAXPARM	18	3	MOOSDSID	120	0
MOOS	0		MOOSDSN	24A	
MOOSAPC	28E	F0F04040	MOOSDSNB	262	0
MOOSBCPY	281	0	MOOSDSNJ	25A	0
MOOSBPTY	27D	0	MOOSDSNM	26A	0
MOOSBYCT	18	0	MOOSDSNN	252	0
MOOSBYTE	150	0	MOOSDSNU	24A	0
MOOSCARR	130	0	MOOSDST2	110	0
MOOSCART	F2	40404040	MOOSFLSH	222	0
MOOSCCPY	27E	0	MOOSFORM	128	0
MOOSCEND	3E8		MOOSFRMD	1F0	0
MOOSCHAR	212	0	MOOSGPID	168	0
MOOSCJ	29C	40404040	MOOSGT	272	0
MOOSCJID	2A4	40404040	MOOSH	28A	0
MOOSCJNM	2AC	40404040	MOOSHTYP	28B	0
MOOSCL	28C	0	MOOSIAGE	1F	8
MOOSCLEN	3E8	3E8	MOOSIAPC	1F	1
MOOSCM	282	0	MOOSIBGP	1E	2
MOOSCNS	8C		MOOSIBTP	1E	1
MOOSCNSL	2C		MOOSIBY	20	40
MOOSCONS	EA	0	MOOSICHR	1D	8
MOOSCPTY	27A	0	MOOSICJ	20	4
MOOSDD	232	0	MOOSICJI	20	2
MOOSDEST	108	0	MOOSICJN	20	1
MOOSDG	158	0	MOOSICLS	1D	20

Name	Hex Offset	Hex Value
MOOSICPC	1F	80
MOOSICPM	1D	2
MOOSID	0	D4D6D6E2
MOOSIDDN	1E	80
MOOSIDG	1C	20
MOOSIDSD	1E	4
MOOSIDSN	1F	4
MOOSIDST	1C	8
MOOSIFCB	1D	80
MOOSIFLS	1D	4
MOOSIFMD	20	10
MOOSIFRM	1C	1
MOOSIGTY	1C	4
MOOSIHDN	1E	10
MOOSIHDY	1E	20
MOOSIIPA	20	20
MOOSIJNA	1C	80
MOOSIJNO	1C	40
MOOSILCN	1E	40
MOOSIMK0	1C	0
MOOSIMK1	1D	0
MOOSIMK2	1E	0
MOOSIMK3	1F	0
MOOSIMK4	20	0
MOOSIMK5	21	0
MOOSIMK6	22	0
MOOSIMK7	23	0
MOOSIMSK	1C	
MOOSINDX	296	0
MOOSIOTB	20	80
MOOSIPAD	174	0
MOOSIPG	1F	20
MOOSIPGD	20	8
MOOSIPM	1F	40
MOOSIPTY	1C	10
MOOSISL	1F	2
MOOSISTK	1D	1
MOOSISTY	1C	2
MOOSITRM	1F	10
MOOSIUCS	1D	40
MOOSIUID	1D	10
MOOSIWTR	1E	8
MOOSJID	FA	0
MOOSJOBB	104	0
MOOSLINE	140	0
MOOSLNCT	10	0
MOOSNC	30E	0
MOOSNCH	332	0
MOOSNCL	355	0
MOOSNCM	346	0
MOOSNCP	354	0
MOOSNCPY	351	0
MOOSND	2FE	0
MOOSNDSI	31E	0
MOOSNEXT	4	
MOOSNF	306	0
MOOSNFL	342	0
MOOSNFMD	3DC	0
MOOSNH	34C	0
MOOSNIPA	360	0
MOOSNOB	35C	0
MOOSNP	350	
MOOSNPGD	3E2	0
MOOSNPM	326	0
MOOSNPTY	34D	0
MOOSNRC	346	34A
MOOSNSS	34B	0
MOOSNST	356	0
MOOSNSTR	20C	0
MOOSNU	32E	0
MOOSNW	316	0
MOOSOCAN	25	8
MOOSOCHR	25	80
MOOSOCLS	24	80
MOOSOCPM	25	20
MOOSODSD	26	80
MOOSODST	24	10
MOOSOFCB	24	2
MOOSOFLS	25	40
MOOSOFMD	26	4
MOOSOFRM	24	20
MOOSOHLD	24	4
MOOSOIPA	26	8
MOOSOMK0	24	0
MOOSOMK1	25	0
MOOSOMK2	26	0
MOOSOMK3	27	0
MOOSOMSK	24	
MOOSONCP	25	4
MOOSONQ	25	2
MOOSOOTB	26	10
MOOSOPGD	26	2
MOOSOPM	26	40
MOOSOPTY	24	40
MOOSORDT	26	20
MOOSORSA	27	20
MOOSORSB	27	10
MOOSORSC	27	8
MOOSORSD	27	4
MOOSORSE	27	2
MOOSORSF	27	1
MOOSORS7	26	1
MOOSORS8	27	80
MOOSORS9	27	40
MOOSOSPT	24	8
MOOSOSTK	25	10
MOOSOTBN	170	0
MOOSOUCS	24	1
MOOSOWTR	25	1
MOOSPAGD	1F6	0
MOOSPAGE	148	0
MOOSPGCT	14	0
MOOSPM	160	0
MOOSQID	2FA	C4D8C540
MOOSQUE	22A	0
MOOSRC	282	286
MOOSRETA	298	
MOOSRSVD	28D	0
MOOSRSV1	C	0
MOOSRSV4	1FC	0
MOOSRSV5	22E	0
MOOSRSV6	35B	0
MOOSRVS2	28	0
MOOSRVS3	2B4	0
MOOSRVS7	297	0
MOOSSEQ	288	1
MOOSSL	204	0
MOOSSS	287	0
MOOSST	275	0
MOOSSTRT	0	

IATYMOOS Cross Reference

Name	Hex Offset	Hex Value
MOOSTSIZ	8	0
MOOSUCS	226	0
MOOSURID	138	0
MOOSXWTR	118	0

IATYMPC Programming Interface information

Programming Interface information

IATYMPC

End of Programming Interface information

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IATYMPC Heading Information

Common Name: Main Processor Control Table
Macro ID: IATYMPC
DSECT Name: MPCSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MPC
Offset: X'AC'
Length: 4
Storage Attributes: Main Storage: Subpool 241
Auxiliary Storage: None (However, the IATYMPE section is spooled)
Key: 1 (JESKEY)
Residency: Any
Size: MPCSIZE
Created by: IATINM4 (ASSEMBLED INTO IATMSCD)
Pointed to by: MAINDATA in TVT
MAINACT in TVT (active processor)
SVTMPCDA in SSVT
SVTMPACT in SSVT (active main)
MPNEXT within MPC
Serialization: Fields serialized by CS: MPSTMIO
Function: Main processor description

IATYMPC Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FDBSTART	

Comment

```
-----------------------------------------------------------------
        WARNING
    THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT
    BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON
    SOME JES3 MODULES.
-----------------------------------------------------------------
```

End of Comment

0	(0)	SIGNED	4	FDBDATA (0)	- BUFFER ADDRESS OF DATA
0	(0)	BITSTRING	6	FDBSPADR (0)	- M.R SPOOL REC ADDR OF DATA
0	(0)	BITSTRING	2	FDBSPMOD	- MODULE NUMBER OF SPOOL EXTENT
2	(2)	BITSTRING	4	FDBSPREC	- RECORD NUMBER OF DATA
6	(6)	BITSTRING	1	FDBFLAG0 (0)	SINGLE RECORD AND ERROR FLAGS

Comment

```
-----------------------------------------------------------------
  DEFINITION OF FDBFLAG0: SINGLE-RECORD AND ERROR FLAGS
-----------------------------------------------------------------
```

End of Comment

1111	....	FDBERFLG	"X'F0'" I/O ERROR FLAGS.
1..1	....	FDBDKFRR	"X'90'" PROGRAM CHECK IN IATDMDK.
1...	....	FDBRECOV	"X'80'" SUCCESSFUL ERROR RECOVERY OCCURRED
.111	....	FDBJBTER	"X'70'" ERROR READING THE JBT OCCURRED
.11.	....	FDBCHKPT	"X'60'" FIRST/LAST TRACK ADDR CHANGE
.1.1	....	FDBF0RS1	"X'50'" RESERVED FLAG.
.1..	....	FDBERROR	"X'40'" UNCORRECTABLE I/O ERROR OCCURRED
..11	....	FDBTAERR	"X'30'" DISK ADDRESS NOT VERIFY.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		FDBIOERR	"X'20'" I/O ERROR RECOVERY IN PROGRESS
		...1		FDBROTER	"X'10'" ERROR OCCURRED ON ROOT I/O.

Comment

FOLLOWING FOUR FLAGS ARE FOR SINGLE RECORD FILES ONLY

End of Comment

		.... 1...		FDBNOPUT	"X'08'" WRITE WITHOUT PUTBUF
		.... .1..		FDBOLD	"X'04'" OLD SINGLE RECORD FILE
		.... ..1.		FDBJBTAT	"X'02'" INDICATES FDB IS A JBTAT FDB
		1		FDBFCTPM	"X'01'" PARAMETERS IN FCT
6	(6)	BITSTRING	1	FDBPRTY	FDB PRTY (BITS 0-3) DURING OPEN
7	(7)	BITSTRING	1	FDBFLAGS	FLAGS COMMON TO SINGLE/MULT 1

Comment

DEFINITION OF FDBFLAGS: SINGLE- & MULTIPLE-RECORD FILES

End of Comment

		1...		FDBECF	"X'80'" - I/O EVENT COMPLETION.
		.1..		FDBMNTAT	"X'40'" SINGLE TRACK ALLOCATION USED
		..1.		FDBINPUT	"X'20'" - INPUT/OUTPUT FILE (INPUT IF ON).
		...1		FDBCLOSE	"X'10'" - OPEN/CLOSED FLAG (CLOSED IF ON).
		.... 1...		FDBMULT	"X'08'" - SINGLE/MULTIPLE FILE (MULT IF ON).
		.... .1..		FDBSRSV1	"X'04'" - RESERVED.
		.... ..1.		FDBWCHLK	"X'02'" - WRTCHAIN ROOT FDB LOCK FLAG.
		1		FDBSRSV2	"X'01'" - RESERVED.
8	(8)	BITSTRING	1	FDBSPFL1	- FLAGS FOR SPOOL DATA MGMT

Comment

DEFINITION OF FDBSPFL1: SINGLE- & MULTIPLE-RECORD FILES

End of Comment

		1...		FDBONSP	"X'80'" - FDB CONTAINS A SPOOL ADDRESS
		.1..		FDBIOIP	"X'40'" - I/O IN-PROGRESS INDICATOR
		..1.		FDBCSBTR	"X'20'" CSBT USED TO READ CH. SRF 0440
		...1		FDBCSBTW	"X'10'" USE CSBT TO WRITE CHAINED SRF
		.... 1...		FDBCSBTL	"X'08'" USE CSBT TO RELEASE CHAINED SRF
		.... .1..		FDBCSBTJ	"X'04'" USE CSBT FOR THIS JESREAD 0440
9	(9)	BITSTRING	1	FDBFLGR2	- RESERVED FOR SERVICE
10	(A)	SIGNED	2	FDBRSVD1	- RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	FDBSREND (0)	END OF SINGLE REC FILE FDB
12	(C)	X'C'	0	FDBSRFL	"FDBSREND-FDBSTART" LENGTH OF AN SRF FDB
12	(C)	SIGNED	2	FDBFREND (0)	END OF FDB FROZEN SECTION

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

					WARNING
					THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT
					BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON
					SOME JES3 MODULES.

					END OF SINGLE RECORD FILE FDB

					THE FOLLOWING FIELDS ARE FOR MULTI-RECORD FILE FDBS
					(EXISTS IF THE FLAG FDBMULT IS ON IN FDBFLAGS)

				End of Comment	
12	(C)	BITSTRING	1	FDBFLAG1	- FLAGS FOR MULTIPLE RECORD FILES.
				Comment	

					DEFINITION OF FDBFLAG1: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBOCLSE	"X'80'" - CLOSE OF FILE INITIATED.
		.1..		FDBFDATA	"X'40'" - FIRST DATA BUFFER FLAG.
		..1.		FDBDATCH	"X'20'" - DATA BUFFER CHAIN FLAG.
		...1		FDBSPLIT	"X'10'" - DATA IS SPLIT BETWEEN TWO BUFFERS.
		.... 1...		FDBEND	"X'08'" - FILE IS BEING OPENED AT ITS END.
		.... .1..		FDBPOINT	"X'04'" - POINT IS IN PROGRESS.
		.... ..1.		FDBDEBS	"X'02'" - DEBLOCKS BIT.
		1		FDBPNTIN	"X'01'" - APOINT HAS TYPE=IN AS PARAMETER.
13	(D)	BITSTRING	1	FDBFLAG2	- FLAGS FOR MULTIPLE RECORD FILES.
				Comment	

					DEFINITION OF FDBFLAG2: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBLSTIO	"X'80'" - SET LAST I/O REQUEST STARTED.
		.1..		FDBALLIO	"X'40'" - SET WHEN LAST DATA BUFFER WRITTEN.
		..1.		FDBLOCAT	"X'20'" - SET WHEN AN ALOCATE IS DONE.
		...1		FDBNDATA	"X'10'" ON = NO DATA IN FILE
		.... 1...		FDBODEOD	"X'08'" RECOVER FROM NO EOD ON OPEND
		.... .1..		FDBSKIP	"X'04'" SKIP RECORD IF READ I/O ERROR
		.... ..1.		FDBMAC	"X'02'" MACHINE CARRIAGE CONTROL
		1		FDBASA	"X'01'" ASA CARRIAGE CONTROL FOR DS
14	(E)	BITSTRING	1	FDBFLAG3	- FLAGS FOR MULTI-RECORD FILES
				Comment	

					DEFINITION OF FDBFLAG3: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBOPTCD	"X'80'" - OPTCD = J SPECIFIED
		.1..		FDBIOCNG	"X'40'" - I/O COUNT ERROR DETECTED
15	(F)	BITSTRING	1	FDBFLGR4	- RESERVED FOR SERVICE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	1	FDBIOCNT	- NUMBER OF I/O REQUESTS OUTSTANDING.
17	(11)	BITSTRING	1	FDBERCNT	- NUMBER OF I/O ERRORS NOT CORRECTED.
18	(12)	SIGNED	2	FDBRL	- ROOM LEFT IN DATA BUFFER.
20	(14)	SIGNED	4	FDBBPTR	- CURRENT BUFFER POINTER.
24	(18)	BITSTRING	6	FDBOPEND (0)	- SPOOL ADR OF LAST DATA BUFFER
24	(18)	BITSTRING	2	FDBMODN2	- MOD NO OF LAST SPOOL EXTENT
26	(1A)	BITSTRING	4	FDBRECN2	- REC NO OF LAST SPOOL DATA
30	(1E)	SIGNED	2	FDBRSFLD	RESERVED FOR DEVELOPMENT

Comment

END OF MULTI-RECORD FILE FDB

End of Comment

32	(20)	BITSTRING	1	FDBMREND (0)	END OF MULTI-RECORD FILE FDB
32	(20)	X'20'	0	FDBMRFL	"FDBMREND-FDBSTART" LENGTH OF AN MRF FDB

Comment

JOB/DATASET TAT FDB EXTENSION
(EXISTS IF THE FLAG FDBJBTAT IS ON IN FDBFLAG0)

End of Comment

12	(C)	SIGNED	4	FDBJBTEX (0)	START OF TAT FDB EXTENSION

Comment

RETURN PARAMETERS FROM TRACK GROUP ALLOCATION

End of Comment

12	(C)	SIGNED	2	FDBRECCT	- NUMBER OF AVAILABLE RECORDS
14	(E)	BITSTRING	6	FDBJTSPA (0)	- AVAILABLE RECORD ADDRESS
14	(E)	BITSTRING	2	FDBJTSPM	- MODULE NUMBER
16	(10)	BITSTRING	4	FDBJTSPR	- RECORD NUMBER

Comment

End of Comment

20	(14)	SIGNED	4	FDBVALID	- VALIDATION FIELD FOR FILE
24	(18)	SIGNED	2	FDBSPNDX	- JOB'S SPOOL PARTITION INDEX
26	(1A)	BITSTRING	1	FDBJTFLG	- JOB/DATASET TAT STATUS FLAGS

Comment

DEFINITION OF FDBJTFLG: JOB/DATASET TAT STATUS FLAGS

End of Comment

1...	FDBJTBIT	"X'80'" - TRACK ALLOCATION SUSPENDED
.1..	FDBDSTAT	"X'40'" - DATA SET TAT
..1.	FDBJIOER	"X'20'" - IOERR POST REQUIRED
...1	FDBRRERQ	"X'10'" - JSAM POST REQUIRED (RRE ALLOC)
.... 1...	FDBJTOFL	"X'08'" - JSAM POST REQUIRED (JBT OVFLW)
.... .1..	FDBRABDU	"X'04'" - FDB IN USE FOR RAB DESTROY
.... ..1.	FDBJTERR	"X'02'" - RAB REFRESH ERROR

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
27	(1B)	BITSTRING	1	FDBJTRSV	- RESERVED FOR DEVELOPMENT

Comment

```
-----------------------------------------------------------
          END OF THE TAT FDB EXTENSION
-----------------------------------------------------------
```

End of Comment

28	(1C)	BITSTRING	1	FDBJTEND (0)	END OF THE JBT FDB EXTENSION
28	(1C)	X'10'	0	FDBJBTXL	"FDBJTEND-FDBJBTEX" LENGTH OF JBT FDB EXTENSION
28	(1C)	X'1C'	0	FDBJBTL	"FDBSRFL+FDBJBTXL" LENGTH OF A TAT FDB

Comment

```
      IATYTVT TRANSFER VECTOR TABLE
      IATYFDB FILE DESCRIPTOR BLOCK
        THE FDB HAS BEEN PREVIOUSLY GENERATED
      IATYREG REGISTER EQUIVALENTS 0
          REGISTER EQUIVALENTS
01 Change Activity:
  $RC= SP110 HJS6601 950410 PD0VW: SP1.1.0 SHOWHDR RUN
-----------------------------------------------------------
      GENERAL PURPOSE REGISTERS
-----------------------------------------------------------
```

End of Comment

28	(1C)	X'0'	0	R0	"0"
28	(1C)	X'1'	0	R1	"1"
28	(1C)	X'2'	0	R2	"2"
28	(1C)	X'3'	0	R3	"3"
28	(1C)	X'4'	0	R4	"4"
28	(1C)	X'5'	0	R5	"5"
28	(1C)	X'6'	0	R6	"6"
28	(1C)	X'7'	0	R7	"7"
28	(1C)	X'8'	0	R8	"8"
28	(1C)	X'9'	0	R9	"9"
28	(1C)	X'A'	0	R10	"10"
28	(1C)	X'B'	0	R11	"11"
28	(1C)	X'C'	0	R12	"12"
28	(1C)	X'D'	0	R13	"13"
28	(1C)	X'E'	0	R14	"14"
28	(1C)	X'F'	0	R15	"15"

Comment

```
-----------------------------------------------------------
      ACCESS REGISTERS
-----------------------------------------------------------
```

End of Comment

28	(1C)	X'0'	0	AR0	"0"
28	(1C)	X'1'	0	AR1	"1"
28	(1C)	X'2'	0	AR2	"2"
28	(1C)	X'3'	0	AR3	"3"
28	(1C)	X'4'	0	AR4	"4"
28	(1C)	X'5'	0	AR5	"5"
28	(1C)	X'6'	0	AR6	"6"
28	(1C)	X'7'	0	AR7	"7"
28	(1C)	X'8'	0	AR8	"8"
28	(1C)	X'9'	0	AR9	"9"
28	(1C)	X'A'	0	AR10	"10"
28	(1C)	X'B'	0	AR11	"11"
28	(1C)	X'C'	0	AR12	"12"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
28	(1C)	X'D'	0	AR13	"13"
28	(1C)	X'E'	0	AR14	"14"
28	(1C)	X'F'	0	AR15	"15"

Comment

```
      IATYEQU General equates
                JES3 STANDARD EQUATES
01 Change Activity:
  $SF= z1.4.0 HJS7707 020104 PD0PK: z 1.4.0 0
-------------------------------------------------------------
      GENERAL EQUATES
-------------------------------------------------------------
```

End of Comment

28	(1C)	X'0'	0	NOP	"0" NO OPERATION
28	(1C)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
28	(1C)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
28	(1C)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE
28	(1C)	X'C1'	0	CHARA	"C'A'" CHARACTER A
28	(1C)	X'C6'	0	CHARF	"C'F'" CHARACTER F
28	(1C)	X'6B'	0	CHARCMMA	"C','" CHARACTER COMMA

Comment

```
-------------------------------------------------------------
      AFTER COMPARE INSTRUCTIONS
-------------------------------------------------------------
```

End of Comment

28	(1C)	X'2'	0	GT	"2" A HIGH
28	(1C)	X'4'	0	LT	"4" A LOW
28	(1C)	X'7'	0	NE	"7" A NOT EQUAL B
28	(1C)	X'8'	0	EQ	"8" A EQUAL B
28	(1C)	X'B'	0	GE	"11" A NOT LOW
28	(1C)	X'D'	0	LE	"13" A NOT HIGH

Comment

```
-------------------------------------------------------------
      AFTER ARITHMETIC INSTRUCTIONS
-------------------------------------------------------------
```

End of Comment

28	(1C)	X'1'	0	OV	"1" OVERFLOW
28	(1C)	X'2'	0	PLUS	"2" PLUS
28	(1C)	X'4'	0	MINUS	"4" MINUS
28	(1C)	X'7'	0	NZERO	"7" NOT ZERO
28	(1C)	X'8'	0	ZERO	"8" ZERO
28	(1C)	X'8'	0	ZEROS	"8" ZERO
28	(1C)	X'B'	0	NMINUS	"11" NOT MINUS
28	(1C)	X'C'	0	NOV	"12" NOT OVERFLOW #0337
28	(1C)	X'D'	0	NPLUS	"13" NOT PLUS

Comment

```
-------------------------------------------------------------
      AFTER TEST UNDER MASK INSTRUCTIONS
-------------------------------------------------------------
```

End of Comment

28	(1C)	X'1'	0	ALLON	"1" ALL ON
28	(1C)	X'4'	0	MIXED	"4" MIXED

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
28	(1C)	X'5'	0	NALLOFF	"5" ALLON+MIXED
28	(1C)	X'8'	0	ALLOFF	"8" ALL OFF
28	(1C)	X'C'	0	NALLON	"12" ALLOFF+MIXED

Comment

AFTER TEST AND SET INSTRUCTION

End of Comment

28	(1C)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
28	(1C)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED

Comment

AFTER LOAD REAL ADDRESS INSTRUCTION.

End of Comment

28	(1C)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
28	(1C)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
28	(1C)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
28	(1C)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
28	(1C)	X'1'	0	LENTHINV	"1" LENGTH INVALID

Comment

SYMBOLS USED FOR ACCESS REGISTER MODE

End of Comment

28	(1C)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
28	(1C)	X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF

Comment

Data Space Related Equates

End of Comment

		....		DSPCMXSZ	"X'80000000'" Maximum data space size (2 Gigabytes)

Comment

JES3 SYSTEM LIMITS

End of Comment

28	(1C)	X'20'	0	J3MAXMP	"32" MAXIMUM NUMBER OF MAIN PROCESSORS IN A SINGLE JES3 COMPLEX

Comment

TRACE TABLE SIZES ARE SPECIFIED IN BYTES

End of Comment

28	(1C)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
28	(1C)	X'1E018'	0	J3NUCTRC	"122904" SIZE OF NUC PATH TRACE TABLE
28	(1C)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
28	(1C)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
28	(1C)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
28	(1C)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.
28	(1C)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
28	(1C)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.

Comment

The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes.

End of Comment

28	(1C)	BITSTRING	0	MAXIMUM_JOB_NUMBER_MASK	"X'FFFF'" This mask is used to clear the high order bytes from a word after placing a compatible job number into the low order bytes using an ICM with a mask of B'0011'.
28	(1C)	X'FFFF'	0	SPECIAL_JOB_XFFFF	"65535" As a compatible job number, indicates that the job number lives in a four byte field.
28	(1C)	X'F423F'	0	UNLIMITED_DSP_COUNT	"999999" As a DSP count this value indicates an "unlimited" count.
28	(1C)	BITSTRING	0	UNLIMITED_JOB_COUNT	"X'FFFFFFFF'" As a job count this value indicates an "unlimited" count such as a display count on certain commands with N=ALL.
28	(1C)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
28	(1C)	X'10'	0	JOB_NUMBER_SHIFT	"16" To load a compatible job number into the low order bytes of a fullword and clear the other bytes, it is possible to ICM the job number with a mask of B'1100' and then shift it to the right using this equate. This must be done instead of clearing the target register before the ICM in cases where the target register is also a base address; e.g.: ICM R2,B'1100',xxx(R2).

Comment

SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT

End of Comment

		....		EQUHOBON	"X'80000000'" HIGH ORDER BIT ON
28	(1C)	BITSTRING	0	EQUHOBOF	"X'7FFFFFFF'" HIGH ORDER BIT OFF

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- SYMBOLS USED FOR SECURITY ----------
					End of Comment
28	(1C)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN
28	(1C)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
28	(1C)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
28	(1C)	X'F0'	0	SAFEXTSP	"240" SUBPOOL USED FOR RETURNING EXTRACTED INFORMATION FROM THE SECURITY PRODUCT
					Comment
					---------- Subpool shared between the IATINTK and IATNUC tasks. Storage that needs to be obtained by one task and freed by the other task should be obtained in this subpool. Subpool zero cannot be used since subpool zero is not shared between these tasks. ----------
					End of Comment
28	(1C)	X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATGRVT	
0	(0)	X'0'	0	TVTABLE	"IATGRVT" 0041
					Comment
					WARNING THE OFFSETS FOR THE FIELDS DEFINED BETWEEN TVTABLE AND TVTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.
					End of Comment
					Comment
					JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
					End of Comment
0	(0)	CHARACTER	8	TVTID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	ADDRESS	2	TVTLNGTH	TVTABLE length 0041
40	(28)	SIGNED	4	TVTINDAT (2)	IATINIT DATE JES3 STARTED - 0CYYDDDF
40	(28)	X'2C'	0	TVTINTIM	"TVTINDAT+4" IATINIT TIME JES3 STARTED - HHMMSSTH

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
		LOCATED SYMBOL OP ENTRY IN COMMENT MODULE			
					End of Comment
48	(30)	ADDRESS	4	FCTTOP	"V(FCTTOP)" IATGRPT FIRST FCT ENTRY
52	(34)	ADDRESS	4	AINTDATA	SET BY IATINIT POINTER TO INISH DATA CSECT
56	(38)	ADDRESS	4	ASPECB	IATINIO ADDR OF JES3 MASTER ECB
60	(3C)	ADDRESS	4	AWAITEP	"V(AWAITX)" IATGRCT MFM AWAIT PROCESSING
64	(40)	ADDRESS	4	ASAVE	"V(ASAVEYES)" IATGRSV ASAVE PROCESSING
68	(44)	ADDRESS	4	ARETNAD	"V(ASARETRN)" IATGRSV ARETURN ENTRY POINT
72	(48)	ADDRESS	4	JESTAE	SET BY IATABMN JESTAE
76	(4C)	ADDRESS	4	FAILDSP	SET BY IATABMN FAIL A DSP
80	(50)	ADDRESS	4	TVTXBPL	"V(IATXBPL)" IATGRQC BUILD CELL POOL ROUTINE
84	(54)	ADDRESS	4	TVTXGCL	"V(IATXGCL)" IATGRQC GET CELL POOL ROUTINE
88	(58)	ADDRESS	4	TVTXRCL	"V(IATXRCL)" IATGRQC RELEASE CELL POOL ROUTINE
92	(5C)	ADDRESS	4	TVTXDPL	"V(IATXDPL)" IATGRQC DELETE CELL POOL ROUTINE
96	(60)	ADDRESS	4	TVTXCNDB	"V(IATCNDB)" IATCNDB PROCESS CNDB CONTROL BLOCKS
100	(64)	ADDRESS	4	TVTFTVT	"V(IATGRVTX)" IATGRVTX TVT FIXED EXTENSION
104	(68)	ADDRESS	4	TVTCTVT	"V(IATGRVTC)" IATGRVTC TVT CHECKPOINTED EXTENSION
108	(6C)	BITSTRING	4	TVTHOBOF	USED TO TURN OFF HIGH ORD BIT
112	(70)	SIGNED	4	TVTRD005	Reserved for development
116	(74)	ADDRESS	4	TVTCSF	"V(GRGSNTRY)" IATGRGS CALL SUBTASK FUNCTION RTN
120	(78)	ADDRESS	4	ANJECNSQ	- PTR TO NJE CONSOLE QUEUES
124	(7C)	ADDRESS	4	TVTGROCO	"V(IATGROCO)" IATGROCO INVOKE NON-SOURCE ROUTINES 0059
128	(80)	ADDRESS	4	TVTCNMLW	"V(CNRNMLWO)" IATCNRN IATXMLWO SERVICE ROUTINE
132	(84)	ADDRESS	4	AGETMAIN	"V(GETMAINX)" IATGRGM GETMAIN
136	(88)	ADDRESS	4	APUTMAIN	"V(PUTMAINX)" IATGRGM FREEMAIN
140	(8C)	ADDRESS	4	ATIME	"V(TMATIME)" IATGRTM TIMER SERVICES
144	(90)	ADDRESS	4	MESSAGE	"V(IATCNWO)" IATCNWO MESSAGE FROM DSP
148	(94)	ADDRESS	4	TVTSSVT	SET BY IATINIT ADDR SSVT
152	(98)	ADDRESS	4	ACONSBCB	SET BY IATINC2 CONSOLE BUFFER CONTROL BLOCK
156	(9C)	BITSTRING	1	JESPOOL	USED BY AGETPUTM FOR DEFAULT SUBPOOL
157	(9D)	BITSTRING	1	ACONTIME	CONSOLES INITIALIZATION FLAG
		1...		INITCMP	"X'80'" INITIALIZATION IS COMPLETE
		.1..		INCNCMP	"X'40'" IATINC2 COMPLETE
		..1.		ACONRS20	"X'20'" Reserved flag
		...1		ACONRS10	"X'10'" Reserved flag
		.... 1...		RJPCPOST	"X'08'" JESXCF posting RJPCONS
		.... .1..		RJPCTIME	"X'04'" Timer pop posting RJPCONS
158	(9E)	BITSTRING	1	TVTRDFR1	RESERVED FOR DEVELOPMENT 0012
159	(9F)	BITSTRING	1	TVRSTFLG	JES3 Start flag 0012
		1...		COLDSTRT	"X'80'" JES3 is cold starting 0012
		.1..		WARMSTRT	"X'40'" JES3 is warm starting 0012
		..1.		HOTSTRT	"X'20'" This address space is hot 0012 starting (JES3) or is an 0012 FSS 0012
		...1		ANALYZE	"X'10'" Queue analysis required 0012
		.... 1...		DSIACTV	"X'08'" DSI active 0012
		.... .1..		CPUIPL	"X'04'" This CPU was IPLed before 0012 JES3 was started 0012
		.... ..1.		TVTREFRS	"X'02'" A refresh is being done 0012 Valid only when HOTSTRT 0012 is also on (i.e. a hot 0012 start with refresh is 0012 being performed). 0012 0012
		1		TVTSPREP	"X'01'" WR or WAR type restart 0012
160	(A0)	ADDRESS	4	RJPTAB	SET BY IATINR2 RESIDENT RJP TABLE
164	(A4)	ADDRESS	4	SRJPRTRM	SET BY IATINWS FIRST SNA WORKSTAT ENTRY
168	(A8)	ADDRESS	4	RJPRTERM	SET BY IATINR2 1ST TERM ENTRY IN RESTABL 0012
172	(AC)	SIGNED	4	TVTRDFR2	RESERVED FOR DEVELOPMENT

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- The following 3 fields (TVTENWRK, TVTENCTL, TVTENFRW) must be contiguous since CDS logic is used to serialize access to the queue of IATOSENF subtask work areas. ----------
					End of Comment
176	(B0)	DBL WORD	8	TVTENWRK (0)	Queue of available work areas for IATOSENF subtask
176	(B0)	SIGNED	4	TVTENCTL	Queue control word
180	(B4)	ADDRESS	4	TVTENFRW	Address of 1st free element
184	(B8)	SIGNED	4	TVTRS00F (6)	RESERVED FOR SERVICE
208	(D0)	SIGNED	2	TVTFREND (0)	END OF TVT FROZEN SECTION
					Comment
					WARNING THE OFFSETS FOR THE FIELDS DEFINED BETWEEN TVTABLE AND TVTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES. ---------- SYSTEM TABLE POINTERS ---------- 'IATGRVT(F)' = 'IATGRVT + IATGRVTF'
					End of Comment
208	(D0)	ADDRESS	4	ADLTABLE	SET BY IATINGN DEADLINE TABLE
212	(D4)	ADDRESS	4	TVTTOKEN	SET BY IATINIT PTR TO J3/UTOKEN STRUCTURE
216	(D8)	ADDRESS	4	DSQLOC	SET BY IATINIT DESTINATION ROUTING TABLE
220	(DC)	ADDRESS	4	DSPDIC	"V(DSPDICT)" IATGRPT DSP DICTIONARY
224	(E0)	ADDRESS	4	EFTOP	ENDING FUNCTION CHAIN
228	(E4)	ADDRESS	4	FCTACTIV	SET BY IATGRCT ACTIVE FCT 1
232	(E8)	ADDRESS	4	JNCBTOP	DJC JNCB CHAIN 4
236	(EC)	ADDRESS	4	JSSFCT	"V(JSSFCT)" IATGRPT IATGRJS FCT
240	(F0)	ADDRESS	4	MAINACT	SET BY IATINM3 ACTIVE MAIN PROC TABLE
244	(F4)	ADDRESS	4	MAINDATA	SET BY IATINM2 MAIN PROCESSOR CONTROL TABLE
248	(F8)	ADDRESS	4	MCLASS	SET BY IATINM2 JOB CLASS TABLE
252	(FC)	ADDRESS	4	MDSPARM	SET BY IATINMD MDS CONTROL TABLE
256	(100)	ADDRESS	4	DYNDYNP	SET BY IATINMD PTR TO DYN DATA
260	(104)	ADDRESS	4	MGROUP	SET BY IATINM2 JOB CLASS GROUP TABLE
264	(108)	ADDRESS	4	MLBCB	IATINM2 ADDR OF MAIN LOAD BALANCE CB
268	(10C)	ADDRESS	4	TVTRDQTP	READY QUEUE ANCHOR
268	(10C)	X'10C'	0	TVTRDQEF	"TVTRDQTP,1" READY QUEUE FCT ECF
		1...		TVTRDQPT	"X'80'" FCT ADDED TO READY QUEUE
272	(110)	ADDRESS	4	PAFCTBTM	SET BY IATINRB LAST AVAILABLE PREALLOCATED FCT ENTRY
276	(114)	ADDRESS	4	PAFCTTOP	SET BY IATINRB FIRST AVAILABLE PREALLOCATED FCT ENTRY
280	(118)	ADDRESS	4	TVTRQCAD	SET BY IATINRB RESQUEUE CONTROL AREA 1
284	(11C)	ADDRESS	4	TVTSDA	Statistics Data Area
288	(120)	ADDRESS	4	PRTAB	SET BY IATINDEV 1ST PRINTER ENTRY IN SUPUNITS
292	(124)	ADDRESS	4	PUNTAB	SET BY IATINDEV 1ST PUNCH ENTRY IN SUPUNITS
296	(128)	ADDRESS	4	RESTABLE	"V(RESTABLX)" IATGRRQ RESOURCE MGMT TABLE
300	(12C)	ADDRESS	4	TVTCALNT	"V(ASACALNT)" ACALL (no trace) entry point
304	(130)	ADDRESS	4	TVTRETNT	"V(ASARETNT)" ARETURN (no trace) entry point
308	(134)	ADDRESS	4	SRJPSRT	SET BY IATINWS RESIDENT SNA RJP TABLE
312	(138)	ADDRESS	4		Reserved for developmemt
316	(13C)	ADDRESS	4	TVTLLPRT	SET BY IATINDEV LAST LOCAL PRINTER (PRTAB)
320	(140)	ADDRESS	4	TVTRD010	RESERVED FOR DEVELOPMENT
324	(144)	ADDRESS	4	TVTRS010	RESERVED FOR SERVICE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

				TVT DOUBLE WORD FIELDS	

				End of Comment	
328	(148)	DBL WORD	8	TVTSVHDR (0)	IATGRSV DOES A CDS ON TVTSVLST
328	(148)	ADDRESS	4	TVTSVLST	IATGRSV SAVEAREA FREE POOL LIST
332	(14C)	ADDRESS	4	TVTSVCNT	IATGRSV CNTL CNT FOR CDS SERIALIZATION
336	(150)	DBL WORD	8	TVTWORKD	DOUBLE WORD WORK AREA
336	(150)	X'154'	0	TVTWORKS	"TVTWORKD+4,4" SINGLE WORD WORK AREA 1
344	(158)	DBL WORD	8	TVTTELS (0)	POINTERS TO TEL CHAIN 0446
344	(158)	SIGNED	4	TVTTELTP	FIRST TEL ON TEL CHAIN 0446
348	(15C)	SIGNED	4	TVTTELEN	LAST TEL ON TEL CHAIN 0446
352	(160)	DBL WORD	8	SRJPSTQ (0)	SNA RJP STORAGE QUEUE
				Comment	

				THE SNA RJP STORAGE QUEUE MUST USE COMPARE DOUBLE AND	
				SWAP (CDS) TO INCREMENT THE COUNT AND CHANGE THE QUEUE	
				ANCHOR WITH THE SAME INSTRUCTION	

				End of Comment	
352	(160)	SIGNED	4	SRJPSCTR	STORAGE COUNTER
356	(164)	SIGNED	4	SRJPSQAN	STORAGE QUEUE ANCHOR
360	(168)	SIGNED	4	SRJPCSFL	COMPARE AND SWAP WORD
360	(168)	X'168'	0	SRJPECF	"SRJPCSFL" ECF TO CONTROL SNARJP DSP
				Comment	
				FIRST BYTE OF SRJPCSFL	

				DEFINITION OF SRJPECF	

				End of Comment	
		1...		SRJPRJS	"X'80'" RETURN TO JSS FLAG
		.1..		SRJPBCB	"X'40'" BUILD CONTROL BLOCK FLAG
		..1.		SRJPRCB	"X'20'" REMOVE CONTROL BLOCKS FLAG
		...1		SRJPPOP	"X'10'" PROCESS OPER. COMMANDS FLAG
		.... 1...		SRJPWKQ	"X'08'" PROCESS WORK QUEUES FLAG
				Comment	
				1. INTERCOM COMMANDS FROM WORKSTATION CONSOLES	
				2. SEND MESSAGES TO OPERATOR	
				3. CALL IATCNRM TO SEND MSGS TO WS CONSOLES	
				4. INTERCOM START READER COMMANDS	
				5. TERMINATE SESSIONS (ISSUE CLSDST)	
				6. ISSUE WSOPEN FOR OUTBOUND CONSOLE	
				7. INTERCOM COMMANDS FROM DATA FLOW CONTROL	
				End of Comment	
		.... .1..		SRJPRSVS	"X'04'" Reserved for service
		.... ..1.		SRJPISEC	"X'02'" PROCESS SECURITY REQUEST #403
360	(168)	X'16B'	0	SRJPFLG	"SRJPCSFL+3" SNA RJP FLAGS
360	(168)	X'16B'	0	SRJPACT	"SRJPFLG" SNA RJP ACTIVE FLAG
		1...		SRJPACTM	"X'80'" SNA RJP ACTIVE MASK
364	(16C)	SIGNED	4	TVTRD030	RESERVED FOR DEVELOPMENT
368	(170)	ADDRESS	4	TVTBALST	POINTER TO LAST BALJ

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
372	(174)	ADDRESS	4	RQBTM	LAST RESQUEUE ENTRY
376	(178)	ADDRESS	4	RQDTOP	ORIGIN OF DEMAND SEL Q
380	(17C)	ADDRESS	4	RQTOP	FIRST RESQUEUE ENTRY
384	(180)	ADDRESS	4	SCTAB	SET BY IATINGN SYSOUT CLASS TABLE
388	(184)	ADDRESS	4	SETNAMES	SET BY IATINMD SETNAMES TABLE
392	(188)	ADDRESS	4	SUPUNITS	SET BY IATINDEV SUPPORT UNITS TABLE
396	(18C)	ADDRESS	4	SYSTAB	SET BY IATINDEV 1ST SYS ENTRY IN SUPUNITS
400	(190)	ADDRESS	4	SYSUNITS	SET BY IATGRSYS SYSTEM UNITS TABLE
404	(194)	ADDRESS	4	TVTMDSRD	SET BY IATINMD MDSSRS DATA AREA ADDRESS
408	(198)	ADDRESS	4	TVTLDAAD	SET BY IATINLC LOCATE DATA AREA ADDRESS
412	(19C)	ADDRESS	4	TVTBALJ	IATINIO JES3 BUFFER ALLOC BLK
416	(1A0)	ADDRESS	4	TVTDATQ	QUEUE OF IATYDATS FOR DISKS
416	(1A0)	X'1A0'	0	TVTDMCQ	"TVTDATQ" QUEUE OF IATYDMCS FOR DISKS

Comment

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  TVTBALJ, TVTDATQ AND TVTDMCQ WILL BE USED IN THE FSS
  ADDRESS SPACE AS WELL AS THE JES3 GLOBAL ADDRESS SPACE.
  ADDRESSES WILL DIFFER BETWEEN THE FSS AND JES3 GLOBAL
  ADDRESS SPACES.
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End of Comment

420	(1A4)	ADDRESS	4	TVTDFCB	DFCB CHAIN TOP
424	(1A8)	ADDRESS	4	TVTFSS	SET BY IATINFS ADDR OF FIRST FSS TABLE
428	(1AC)	SIGNED	4	TVTIDAAD	IATINI1 INTERPRETER DATA AREA ADDR.
432	(1B0)	ADDRESS	4	TVTJQX	"V(JQXSTART)" IATGRJX ADDR JQX
436	(1B4)	ADDRESS	4	TVTSQE	ADDR OF STORAGE Q
440	(1B8)	ADDRESS	4	TVTMEMD	ADDR OF JES3 MEMDATA
444	(1BC)	ADDRESS	4	TVTRTAB	"V(TRANSTAB)" IATGRVT(F) SYSTEM TRANSLATE TABLE
448	(1C0)	ADDRESS	4	TVTSMFCH	IATOSDR SMF WRITE CHAIN START 4
452	(1C4)	ADDRESS	4	TVTSPPCH	IATOSDR SETPRT REQUEST QUEUE
456	(1C8)	ADDRESS	4	TVTUXL	"V(IATYUXL)" IATGRPT USER EXIT LIST TABLE
460	(1CC)	ADDRESS	4	TVTYOSD	"V(OSDSTART)" IATOSDR OUTSERV DATA SET DEFAULTS
464	(1D0)	ADDRESS	4	WTDQUE	WTD CONTROL BLOCK
468	(1D4)	SIGNED	4	TVTIFCAD	IATINFC C/I FSS DATA AREA ADDR.
472	(1D8)	SIGNED	4	TVTRS040 (3)	RESERVED FOR SERVICE
484	(1E4)	ADDRESS	4	FCTLAST	SET BY IATGRCT LAST FCT ENTRY
488	(1E8)	SIGNED	4	NCKLOCK	THIS WORD CONTAINS THE FCT ADDRESS THAT CURRENTLY HOLDS THE NCK LOCK - X'80' AT LABEL NCKADD
492	(1EC)	ADDRESS	4	TVTFSLG	SET BY IATINIT LOGOUT MODULE
496	(1F0)	ADDRESS	4	TVTFSRC	SET BY IATINIT TERMINATE FAILING FCT
500	(1F4)	ADDRESS	4	TVTTAWK	PTR TO TRACK ALLOC DSP RREPOOL
504	(1F8)	BITSTRING	1	TVTTAECF	TRACK ALLOC DSP ECF

Comment

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------------------------------------------------------------
      DEFINITION OF TVTAECF
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End of Comment

1...	DMTAREQ	"X'80'" REQUESTS FROM GLOBAL
.1..	DMTARPLY	"X'40'" REPLIES FROM GLOBAL

Comment

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------------------------------------------------------------
      Fields used by macro IATXSUSP
------------------------------------------------------------
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End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
505	(1F9)	BITSTRING	1	TVTSUSPE	ECF used by IATXSUSP
506	(1FA)	BITSTRING	1	TVTSUSPM	IATXSUSP post mask; the mask value flip-flops between x'80' and x'40'
507	(1FB)	BITSTRING	1	TVTRD040	Reserved for development
508	(1FC)	SIGNED	4	TVT3100D	DOM ID FOR MSG IAT3100
512	(200)	ADDRESS	4	TVTJADAD	USAM JDS ACCESS INTERFACE DATA AREA (JAD) ANCHOR
516	(204)	ADDRESS	4	TVTPDAAD	PROCESS SYSOUT (PSO) DATA AREA (PDA) ANCHOR
520	(208)	ADDRESS	4	TVTSDEAD	SYSOUT Application Program Interface (SAPI) DSP Entry address
524	(20C)	ADDRESS	4	TVTSOSRQ	Sysout Application Program Interface (SAPI) Output Service Restart Q (OSR)
528	(210)	ADDRESS	4	TVTOSRTQ	OUTPUT SERVICE RESTART QUE for FSS writers
532	(214)	ADDRESS	4	TVTRU050 (4)	AVAILABLE TO USER 4
548	(224)	BITSTRING	1	TVTJNCBF	DJC FLAGS
				Comment	

				DEFINITION OF TVTJNCBF	

				End of Comment	
		.1..		DJCPOST	"X'40'" DJC POSTED
		...1		DJCACTIV	"X'10'" IATDCUP IS ACTIVE
		.... ..1.		JNCBPOST	"X'02'" JNCB POSTED
549	(225)	BITSTRING	1	TVTSMFFL	SMF FLAGS
				Comment	

				DEFINITION OF TVTSMFFL	

				End of Comment	
		1...		SMFPOST	"X'80'" SMF REC TO BE WRITTEN
		.... ..1.		SMFRCUR	"X'02'" SMF RECURSION BIT
		1		SMFDYFCT	"X'01'" DYNAM FCT HAS BEEN BUILT
550	(226)	BITSTRING	1	TVTSPPFL	SETPRT COUNT
551	(227)	BITSTRING	1	TVTWTDEC	ECF TO POST WTD PROCESSING
				Comment	

				Work To Do Driver post flags.	

				End of Comment	
		1...		TVTWTDPS	"X'80'" WTD Post (IATGRWD)
		.1..		TVTINPPS	"X'40'" Input cmd Post (IATGRWD)
		..1.		TVTWTD20	"X'20'" Reserved
		...1		TVTWTD10	"X'10'" Reserved
		.... 1...		TVTWTD08	"X'08'" Reserved
		.... .1..		TVTWTD04	"X'04'" Reserved
		.... ..1.		TVTWTD02	"X'02'" Reserved
		1		TVTWTD01	"X'01'" Reserved
552	(228)	BITSTRING	1	AWAIT	IATGRVT(F) AWAIT CONDITION CODE
553	(229)	BITSTRING	1	AWAITL	IATGRVT(F) AWAIT-LIST CONDITION CODE
554	(22A)	BITSTRING	1	AWAITOFF	IATGRVT(F) AWAITOFF CONDITION CODE
555	(22B)	BITSTRING	1	AWAITOFL	IATGRVT(F) AWAITOFF-LIST COND CODE
556	(22C)	BITSTRING	1	JESKEY	IATGRVT(F) JES3 STORAGE PROTECT KEY
557	(22D)	BITSTRING	1	IOERRECF	ERROR RECOVERY POST FLAGS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- DEFINITION OF IOERRECF ----------
				End of Comment	
		1...		IOEERROR	"X'80'" SPOOL I/O ERROR OCCURRED
		.1..		IOENORML	"X'40'" I/O TERMINATED NORMALLY
		..1.		IOETIMED	"X'20'" MISSING I/O COMPLETION POST
558	(22E)	BITSTRING	1	TVTJNECF	ECF FOR AJOBNUM BUSY
				Comment	
					---------- DEFINITION OF TVTJNECF ----------
				End of Comment	
		1...		TVTJNMSK	"X'80'" AJOBNUM AVAILABLE ECF MASK
		.1..		TVTJNTHL	"X'40'" AJOBNUM below threshold
559	(22F)	BITSTRING	1	TVTJNWID	JES NEWS DATA SET ID
560	(230)	BITSTRING	1	TVDSIECF	ECF BYTE FOR DSI
				Comment	
					---------- DEFINITION OF TVDSIECF ----------
				End of Comment	
		1...		TVTSDSI	"X'80'" *S DSI RECEIVED
		.1..		TVTCDSI	"X'40'" *C DSI RECEIVED
561	(231)	BITSTRING	1	RJPSNPFL	RJP SNAP FUNCTION FLAGS BIT EQUATES ARE IN IATRJSN
562	(232)	BITSTRING	1	TVTRS060 (2)	RESERVED FOR SERVICE
				Comment	
					---------- ROUTINE ENTRY POINTS SECTION 1 - NON-COUNTABLE ENTRY POINTS (FROM ASAVE TO TVTEPS) SECTION 2 - COUNTABLE ENTRY POINTS (USING X IC - IATUTIC) (FROM ABACKR TO TVTEPE) ----------
				End of Comment	
564	(234)	SIGNED	4	TVTEPST (0)	START OF NON-COUNTABLE ENTRY POINTS
564	(234)	ADDRESS	4	TVTWROSE	"V(WRITEOSE)" IATOSOR WRITEOSE ROUTINE ADDRESS 1
568	(238)	ADDRESS	4	TVTSAFCL	"V(IATPUSC)" IATPUSC PURGE SYSIN/SYSOUT SAF CALL 1
572	(23C)	ADDRESS	4	IATXSIO	IATDMDK
572	(23C)	X'23C'	0	TVTDMDK	"IATXSIO" IATDMDK
576	(240)	ADDRESS	4	TVTERRQ	IATDMIT CHAIN OF ISR'S WITH IO ERRS
580	(244)	ADDRESS	4	TVTERRWK	IATDMER PTR TO DMER'S IO ERR WORKAREA
584	(248)	ADDRESS	4	TVTSTTBL	"V(STTBUILD)" IATDMST STT BUILD ROUTINE
588	(24C)	ADDRESS	4	TVTSTTAL	"V(STTALLOC)" IATDMST STT RECORD ALLOC
592	(250)	ADDRESS	4	TVTSTTPG	"V(STTPURGE)" IATDMST STT RECORD PURGE
596	(254)	ADDRESS	4	TVTSTTBD	"V(STTBAD)" IATDMST STT BADTRACK ROUTINE
600	(258)	ADDRESS	4	TVTSTTSR	"V(STTSRCH)" IATDMST STT SEARCH ROUTINE
604	(25C)	ADDRESS	4	DSPIG	"V(PIG)" IATIQPG PART/INQ TGPS ROUTINE
608	(260)	ADDRESS	4	TVTTGBUP	"V(TGBUPDAT)" IATDMTK BYPASS TABLE UPDATE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
612	(264)	ADDRESS	4	TVTPBITL	"V(BITLOC)" IATDMTK X.G TO PTAT BIT CONVERSION
616	(268)	ADDRESS	4	TVTPTATS	"V(TATSTAT)" IATDMTK PTAT STATUS UPDATE RTN
620	(26C)	ADDRESS	4	TVTJBTS	"V(JOBTATS)" IATDMTK JOB, DS TAT SEARCH RTN
624	(270)	ADDRESS	4	JDSBENRY	"V(JDSSCAN)" IATGRJA CI SUBTSK JDS ACCESS EP
628	(274)	ADDRESS	4	IATXJDS	"V(IATXJDSX)" IATGRJA ADDRESS OF JDS ACCESS RTNS
632	(278)	ADDRESS	4	IATXJET	"V(IATXJETX)" IATGRJA Address of JET initialization routine
636	(27C)	ADDRESS	4	IATXCSS	"V(IATDMCS)" IATDMCS ADDRESS OF SRF SERVICES
640	(280)	ADDRESS	4	TVTSLOTL	"V(SLOTLOC)" IATDMTK Address of VALID array slot location routine
644	(284)	ADDRESS	4	TVTRJPDI	"V(RJPDINFO)" IATOSGR Access RJP device info 0012 0012
648	(288)	ADDRESS	4	IATXTRC	IATINGL JES3 TRACE IN CSA, ALSO FSS TRACE IN FSS PRIVATE
652	(28C)	ADDRESS	4	TVTXCKPT	IATGRCK IATXCKPT ENTRY POINT
656	(290)	ADDRESS	4	JOBNALOC	"V(JNUMALOC)" IATGRJN ALLOCATE A SPECIFIC JOBNO.
660	(294)	ADDRESS	4	JOBNRTN	"V(JOBNMBER)" IATGRJN ALLOCATE NEXT AVAIL JOBNO.
664	(298)	ADDRESS	4	JOBNSET	"V(JNUMSET)" IATGRJN SET NUMBER FOR JOBNO. SCAN 1
668	(29C)	ADDRESS	4	JSSRETRN	"V(JSSRTN)" IATGRJR DSP RETURN POINT TO IATGRJR
672	(2A0)	ADDRESS	4	TVTRD072	RESERVED FOR DEVELOPMENT #0034 1
676	(2A4)	ADDRESS	4	TVABNGET	IATABN0 VIRT ADDR VALID'N RTN
680	(2A8)	ADDRESS	4	TVTABMN	SET BY IATABMN ADDR OF MODULE IATABMN
684	(2AC)	ADDRESS	4	TVTSTAD	SET BY IATABMN ABEND SERIALIZATION SERVICE 1
688	(2B0)	ADDRESS	4	TVTJ3PST	IATINIO POSTJES3 RTN IN CSA
692	(2B4)	ADDRESS	4	TVTVPTH	"V(AVAILPTH)" IATGRCT CALL MVS PATH VALIDATION
696	(2B8)	ADDRESS	4	TVTVIOPM	IATINIT MVS PATH VALIDATION RTN IOSVIOPM
700	(2BC)	ADDRESS	4	TVTLPJ3	"V(IATGRLPJ)" IATGRG1 LOCAL POST JES3 ROUTINE
704	(2C0)	ADDRESS	4	TVTSTMD	"V(IATGRSM)" IATGRCT IATXSTMD ROUTINE
708	(2C4)	ADDRESS	4	TVTGRSM1	"V(IATGRSM1)" IATGRCT IATXSTMD SPECIAL ENTRY PT
712	(2C8)	ADDRESS	4	TVTXATDE	"V(IATGRATD)" IATGRG1 ATTACH/DETACH ATDE ROUTINE
716	(2CC)	ADDRESS	4	TVTXJLOK	"V(IATGRLCK)" IATGRG1 OBTAIN/RELEASE LOCK ROUTINE 1
720	(2D0)	ADDRESS	4	TVTMSMI	IATMSMI ENTRY PT SET BY MSDR 1
724	(2D4)	ADDRESS	4	TVTOSDIE	SET BY IATINIO OUTPUT SERVICE DIE RTN ADR 1
728	(2D8)	ADDRESS	4	IATXOSPM	"V(IATOSWPX)" IATOSWP OUTSERV PIPELINE MANAGER
732	(2DC)	ADDRESS	4	TVTOSFP	IATOSFP FSS WRITER PENDING DATASET QUEUE MANAGER 1
736	(2E0)	ADDRESS	4	TVTDSPIQ	"V(INQOSFCT)" IATIQOI OUTPUT SERVICE INQUIRY IMPLEMENTATION
740	(2E4)	ADDRESS	4	TVTDSPMO	"V(MODOSFCT)" IATMOOI OUTPUT SERVICE MODIFY IMPLEMENTATION
744	(2E8)	ADDRESS	4	TVTRD440	RESERVED FOR DEVELOPMENT 1
748	(2EC)	ADDRESS	4	SRJPSNLK	SET BY IATSNLD SNARJP LCB USE COUNT MANAGER

Comment

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THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNLK
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End of Comment

		....		SNLKINC	"X'00000000',4" SNARJP - INCREMENT USE COUNT
		.... .1..		SNLKDEC	"X'00000004',4" SNARJP - DECREMENT USE COUNT
		.... 1...		SNLKINNC	"X'00000008',4" SNARJP - INC USE COUNT NO CHECK
		....		SNLKERR	"X'80000000',4" SNARJP - ERROR EXIT SPECIFIED
		....		SNLKNORM	"X'40000000',4" SNARJP - NORMAL EXIT SPECIFIED
752	(2F0)	ADDRESS	4	SRJPSNFS	SET BY IATSNLD SNARJP FAILDSP PROCESSOR
756	(2F4)	ADDRESS	4	SRJPSNST	SET BY IATSNLD SNARJP TERMINATION STATUS MANG

Comment

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THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNST
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End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		....		SNSTON	"X'00000000',4" SNARJP - TURN STATUS BIT ON
		.... .1..		SNSTOFF	"X'00000004',4" SNARJP - TURN STATUS BIT OFF
		.... 1...		SNSTTEST	"X'00000008',4" SNARJP - TEST STATUS BIT
		.... 11..		SNSTTNCH	"X'0000000C',4" SNARJP - TEST STATUS BIT NO CHK
		....		SNSTERR	"X'80000000',4" SNARJP - ERROR EXIT SPECIFIED
		....		SNSTNORM	"X'40000000',4" SNARJP - NORMAL EXIT SPECIFIED
		1...		SNSTQI	"X'80'" SNARJP - QUIESCE IMMEDIATE
		.1..		SNSTQ	"X'40'" SNARJP - QUIESCE
		..1.		SNSTRQ	"X'20'" SNARJP - CLSDST REQUESTED
		...1		SNSTCM	"X'10'" SNARJP - CLSDST COMPLETED
		.... 1...		SNSTFCB	"X'08'" SNARJP - CONTROL BLOCK TO BE FREED
		.... .1..		SNSTONTQ	"X'04'" SNARJP - LCB HAS BEEN ON TERMINATE QUEUE
760	(2F8)	ADDRESS	4	SRJPSNDN	SET BY IATSNLD DFC NEG RESPONSE ROUTINE
764	(2FC)	ADDRESS	4	SRJPSNDV	SET BY IATSNLD DFC RECEIVE ROUTINE
768	(300)	ADDRESS	4	SRJPNDRA	SET BY IATSNLD DFC RECEIVE ANY ROUTINE
772	(304)	ADDRESS	4	SRJPSNDT	SET BY IATSNLD DFC RESTART ROUTINE
776	(308)	ADDRESS	4	SRJPSNDG	SET BY IATSNLD DFC RUGET ROUTINE
780	(30C)	ADDRESS	4	SRJPSNDM	SET BY IATSNLD DFC STATE MANAGER ROUTINE
784	(310)	ADDRESS	4	SRJPSNDO	SET BY IATSNLD DFC WSOPEN ROUTINE
788	(314)	ADDRESS	4	SRJPSNDC	SET BY IATSNLD DFC WSCLOSE ROUTINE
792	(318)	ADDRESS	4	SRJPSNDD	SET BY IATSNLD DFC DFASY ROUTINE
796	(31C)	ADDRESS	4	AIATINIT	"V(IATINIT)" IATINIT JES3 NUCLEUS ENTRY POINT
800	(320)	ADDRESS	4	IATXCNS	"V(XCNSTART)" IATCNRN XCNS SERVICE ROUTINE
804	(324)	ADDRESS	4	CONCNJS	"V(IATCNJS)" IATCNJS CONSOLE JESTAE ROUTINE
808	(328)	ADDRESS	4	TVTRS070	RESERVED FOR SERVICE
812	(32C)	ADDRESS	4	TVTJMF	JMF CSECT ADDRESS 431
816	(330)	ADDRESS	4	OSGRJGET	"V(OSGRJMRG)" IATXJMR TYPE=GET SERV RTN
820	(334)	ADDRESS	4	OSGRJPUT	"V(OSGRJMRP)" IATXJMR TYPE=PUT SERV RTN
824	(338)	ADDRESS	4	OSGRJREL	"V(OSGRJMRR)" IATXJMR TYPE=REL SERV RTN
828	(33C)	ADDRESS	4	TVTRD080 (4)	RESERVED FOR DEVELOPMENT
844	(34C)	ADDRESS	4	DJCFREE	"V(DJCFREEX)" IATDCNC DJC FREE STORAGE SERVICE
848	(350)	ADDRESS	4	TVTXTRCD	"V(IATXTRCD)" IATGRG1 Data space trace routine
852	(354)	ADDRESS	4	TVTRS080 (2)	Reserved for service
860	(35C)	ADDRESS	4	TVTRU080 (6)	RESERVED FOR USER
884	(374)	ADDRESS	4	TVTEPS (0)	END OF NON-COUNTABLE ENTRY POINTS

Comment

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NOTE: TVTEPS MARKS END OF SECTION 1 OF ROUTINE ENTRY POINTS
      ABACKR MARKS BEGINNING OF SECTION 2 OF ROUTINE ENTRY
      POINTS AND TVTEPE MARKS THE END OF THE WHOLE SECTION.
IATUTIC MUST BE UPDATED FOR ANY CHANGES TO THE TVT ENTRY
POINTS
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End of Comment

884	(374)	SIGNED	4	TVTEPCST (0)	START OF COUNTABLE ENTRY POINTS
884	(374)	ADDRESS	4	ABACKR	"V(BACKR0)" IATDMDT BACKSPACE RECORD 1
888	(378)	ADDRESS	4	ABENDAPG	SET BY IATGROP ABNORMAL END APPENDAGE 4
892	(37C)	ADDRESS	4	ABLOCK	"V(BLOCK)" IATDMDT I/O BLOCK
896	(380)	ADDRESS	4	ACLOSE	"V(CLOSE)" IATDMNC I/O CLOSE
900	(384)	ADDRESS	4	ACONSRMT	SET BY IATINPK REMOTE CONSOLE PROCESSING
		1...		TVTCONSR	"X'80'" HIGH ORDER BIT OF ACONSRMT 1 - RJP INDICATOR
904	(388)	ADDRESS	4	ACTLTRAP	"V(TMSTMREX)" IATGRTM ATIME STIMERM APPENDAGE
908	(38C)	ADDRESS	4	ADEBLOCK	"V(DEB)" IATDMDT I/O DEBLOCK
912	(390)	ADDRESS	4	ADELETE	"V(DELETEX)" IATGRLD MODULE DELETE
		1...		TVTDELET	"X'80'" HIGH ORDER BIT OF ADELETE 1-REFRESH REQUESTED FOR DELETE
916	(394)	ADDRESS	4	ADEQ	"V(RESMGMT)" IATGRRQ RESOURCE MANAGEMENT
916	(394)	X'394'	0	AENQ	"ADEQ" IATGRRQ RESOURCE MANAGEMENT
916	(394)	X'394'	0	ATEST	"ADEQ" IATGRRQ RESOURCE MANAGEMENT
920	(398)	ADDRESS	4	AFDADD	"V(FDADD)" IATDMNC ADD ENTRY TO FILE DIRECTORY
924	(39C)	ADDRESS	4	AFDDELET	"V(FDDELET)" IATDMNC DELETE ENTRY FROM FILE DIR.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
928	(3A0)	ADDRESS	4	AFDFIND	"V(FDFIND)" IATDMNC SCAN FILE DIRECTORY
932	(3A4)	ADDRESS	4	AGETBUF	"V(GETBUF)" IATDMNC GETBUF
936	(3A8)	ADDRESS	4	TVTRD082	RESERVED FOR DEVELOPMENT
940	(3AC)	ADDRESS	4	TVTRS090	RESERVED FOR SERVICE
944	(3B0)	ADDRESS	4	ALOAD	"V(LOADX)" IATGRLD MODULE LOAD
948	(3B4)	ADDRESS	4	ALOCATE	"V(LOCATE)" IATDMDT I/O LOCATE
952	(3B8)	ADDRESS	4	ANOTE	"V(NOTE)" I/O NOTE
956	(3BC)	ADDRESS	4	AOPEN	"V(OPEN)" IATDMNC I/O OPEN
960	(3C0)	ADDRESS	4	AOPEND	"V(OPEND)" I/O OPEN AT END
964	(3C4)	ADDRESS	4	APOINT	"V(POINT)" I/O POINT
968	(3C8)	ADDRESS	4	APURGE	"V(PURGEA)" IATDMTK SPOOL SPACE PURGE
972	(3CC)	ADDRESS	4	APUTBUF	"V(PUTBUF)" IATDMNC PUTBUF
976	(3D0)	ADDRESS	4	TVTRD084	RESERVED FOR DEVELOPMENT
980	(3D4)	ADDRESS	4	ARELEASE	"V(RELEASE)" IATDMNC I/O RELEASE
984	(3D8)	ADDRESS	4	ASPABND0	SET BY IATABN0 ABEND
		1...		TVTABNOF	"X'80'" HIGH ORDER BIT OF ASPABND0 1-ABN0 DOESN'T CALL ABNO
988	(3DC)	ADDRESS	4	TVTRD086	RESERVED FOR DEVELOPMENT
992	(3E0)	ADDRESS	4	ATRACK	"V(TRACK)" IATDMTK SPOOL SPACE ALLOCATION

Comment

ATRACK IATDMTA FOR CI FSS

End of Comment

996	(3E4)	ADDRESS	4	TVTJBTXP	"V(TRKXPND2)" IATDMTK JOB TAT EXPANSION ROUTINE
1000	(3E8)	ADDRESS	4	TVTSPCK	"V(SPOOLCK)" IATGRCP CHECKPOINT SPOOL STATUS ROUTINE
1004	(3EC)	ADDRESS	4	TVTPTCKP	"V(PTATCKP)" IATGRCP PTAT CKPT ENTRY POINT
1008	(3F0)	ADDRESS	4	TVTRD090 (4)	RESERVED FOR DEVELOPMENT
1024	(400)	ADDRESS	4	AWRITE	"V(WRITE)" IATDMNC SINGLE-BUFFER WRITE
1028	(404)	ADDRESS	4	CONCNVRT	"V(CONCLASS)" IATCNRN CONVERT CONS CLASS TO DISP-MASK
1032	(408)	ADDRESS	4	CHENDAPG	SET BY IATGROP CHANNEL END APPENDAGE
1036	(40C)	ADDRESS	4	TVTRD095	RESERVED FOR DEVELOPMENT
1040	(410)	ADDRESS	4	TESTSRS	"V(SRSTEST)" IATGRGU TEST DSP DEVICE REQUIREMENT 1
1044	(414)	ADDRESS	4	TVTRD100	RESERVED FOR DEVELOPMENT
1048	(418)	ADDRESS	4	CONREVRT	"V(DESTNAME)" IATCNRN DISP-MASK TO DEST CLASS NAME
1052	(41C)	ADDRESS	4	CONSAUTH	"V(IATCNIA)" IATCNIA CONSOLE AUTHORITY VALIDATION
1056	(420)	ADDRESS	4	DEQMSG	"V(DEQMSGX)" IATCNDQ CONSOLE BUFFER DEQUEUE
1060	(424)	ADDRESS	4	DEVSCAN	"V(DSPSCN)" IATGRG1 IN/OUT PARAMETER SCAN
1064	(428)	ADDRESS	4	DYNALRTY	SET BY IATINDY DYNAL ERROR RECOVERY
1068	(42C)	ADDRESS	4	IATXCPYF	"V(COPYFILE)" IATDMDT Copy File Service
1072	(430)	ADDRESS	4	FINDJNUM	"V(JOBNTEST)" IATGRJN FIND JOB NUMBER
1076	(434)	ADDRESS	4	GETUNIT	"V(GETUNI)" IATGRGU GETUNIT
1080	(438)	ADDRESS	4	IATXAMDV	"V(IATAMDV)" IATGRGU AMBIGUOUS DEVICE MSG RTN
1084	(43C)	ADDRESS	4	IATXELA	"V(ECFADD)" IATGRCT ECF LIST ADD
1088	(440)	ADDRESS	4	IATXELD	"V(ECFDEL)" IATGRCT ECF LIST DELETE
1092	(444)	ADDRESS	4	IATXELS	"V(ECFSCAN)" IATGRCT ECF LIST SCAN
1096	(448)	ADDRESS	4	IATXERCV	"V(IATERCV)" IATDMNC CHAINED SRF ERROR RECOVERY
1100	(44C)	ADDRESS	4	IATXGOSE	"V(IATGOSE)" IATOSGP GET MASTER OSE ROUTINE
1104	(450)	ADDRESS	4	IATXIOX	"V(IOCHECK)" IATDMNC CHECK SRF IO COMPLETION
1108	(454)	ADDRESS	4	IATXIWT	IATIIMS INTERPRETER MESSAGE ROUTINE 1
1112	(458)	ADDRESS	4	IATXPRMD	"V(PRMDTBEX)" IATOSGR PROCESS MODE TABLE EXECUTOR 4
1116	(45C)	ADDRESS	4	TVTRD110	RESERVED FOR DEVELOPMENT
1120	(460)	ADDRESS	4	IATXPOSE	"V(IATPOSE)" IATOSGP PUT MASTER OSE ROUTINE
1124	(464)	ADDRESS	4	IATXPRT	"V(XPRT)" IATGRG1 GNRALZED CORE DUMP
1128	(468)	ADDRESS	4	IATXRABC	"V(DMTKRABC)" IATDMTK I/O RAB CREATE ROUTINE
1132	(46C)	ADDRESS	4	IATXRABD	"V(DMTKRABD)" IATDMTK I/O RAB DESTROY ROUTINE
1136	(470)	ADDRESS	4	IATXRABP	"V(DMTKRABP)" IATDMTK I/O RAB PROCESS ROUTINE
1140	(474)	ADDRESS	4	IATXRELC	"V(DTRELCHN)" IATDMDT I/O RELEASE CHAIN

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
1144	(478)	ADDRESS	4	IATXSCN1	"V(CONSCAN1)" IATCNRN MESSAGE SCAN ROUTINE ENTRY
1148	(47C)	ADDRESS	4	IATXSCN2	"V(CONSCAN2)" IATCNRN MESSAGE SCAN ROUTINE ENTRY
1152	(480)	ADDRESS	4	IATXSMF	"V(IATSMFW)" IATOSGR QUEUE SMF WRITE REQUEST
1156	(484)	ADDRESS	4	IATXSPR	"V(IATXSPRE)" IATOSGR QUEUE SETPRT REQUEST
1160	(488)	ADDRESS	4	TVTRD112	RESERVED FOR DEVELOPMENT
1164	(48C)	ADDRESS	4	INTERCOM	"V(IATCNICX)" IATCNIC INTERCOM
1168	(490)	ADDRESS	4	JDSADD	"V(JDSADDX)" IATGRJA JDS ADD
1172	(494)	ADDRESS	4	IATXFRQ	"V(FREERSQ)" IATGRRQ FREE RESQUEUE
1176	(498)	ADDRESS	4	JDSGET	"V(JDSGETX)" IATGRJA JDS GET
1180	(49C)	ADDRESS	4	JDSHOLD	"V(JDSHOLDX)" IATGRJA JDS HOLD
1184	(4A0)	ADDRESS	4	JDSPOINT	"V(JDSPNTX)" IATGRJA JDS POINT
1188	(4A4)	ADDRESS	4	JDSPUT	"V(JDSPUTX)" IATGRJA JDS PUT
1192	(4A8)	ADDRESS	4	JDSREL	"V(JDSRELX)" IATGRJA JDS RELEASE 2
1196	(4AC)	ADDRESS	4	JESCLOSE	SET BY IATGROP DEVICE CLOSE
1200	(4B0)	ADDRESS	4	TVTCL012	SET BY IATGROP JESCLOSE BRANCH ENTRY
1204	(4B4)	ADDRESS	4	JESEXCP	SET BY IATGROP DEVICE EXCP
1208	(4B8)	ADDRESS	4	JESCKPNT	"V(JESCHECK)" IATGRCP CHECKPOINT
1212	(4BC)	ADDRESS	4	TVTRD118	Reserved for development
1216	(4C0)	ADDRESS	4	JESMODLK	SET BY IATABMN MODULE NAME LOOK-UP ROUTINE
1220	(4C4)	ADDRESS	4	JESMSG	"V(JESMSGX)" IATGRJM Write msg in job's JESMSGLG 1
1224	(4C8)	ADDRESS	4	JESOPEN	SET BY IATGROP DEVICE OPEN 5
1228	(4CC)	ADDRESS	4	JESREAD	"V(READ)" IATDMNC SINGLE-BUFFER READ
1232	(4D0)	ADDRESS	4	JESSNAP	IATGRVT(F) CHNGD BY JESSNAP WHEN CALLED
1236	(4D4)	ADDRESS	4	TODMSG	"V(TODMSGX)" IATGRJM Create TOD message for job's JESMSGLG dataset
1240	(4D8)	ADDRESS	4	TVTSNPNA	SET BY IATABMN SNAP NUCTASK
1244	(4DC)	ADDRESS	4	JNADD	"V(JNADDX)" IATDCNC JNCB ADD
1248	(4E0)	ADDRESS	4	JNCBHLD	"V(JNCBHLDX)" IATDCNC JNCB SPECIFIC HOLD
1252	(4E4)	ADDRESS	4	JNCBREL	"V(JNCBRELX)" IATDCNC JNCB SPECIFIC RELEASE
1256	(4E8)	ADDRESS	4	JNDEL	"V(JNDELX)" IATDCNC JNCB DELETE
1260	(4EC)	ADDRESS	4	JNGET	"V(JNGETX)" IATDCNC JNCB GET
1264	(4F0)	ADDRESS	4	JNUMR	"V(RETURNJN)" IATGRJN RETURN A JOB NUMBER 2
1268	(4F4)	ADDRESS	4	JSERV	"V(JSERVX)" IATSSJS SUBSYSTEM COMMUNICATION
1272	(4F8)	ADDRESS	4	JSSDADR	"V(IATGRJS)" IATGRJS EP FOR IATGRJS
1276	(4FC)	ADDRESS	4	LOGIN	"V(LOGINX)" IATGRLG CONSOLE LOGIN
1280	(500)	ADDRESS	4	LOGOUT	"V(LOGOUTX)" IATGRLG CONSOLE LOGOUT
1284	(504)	ADDRESS	4	IATXRCVL	"V(RCVALID)" IATCNRN ROUTE CODE/DEST CLASS VALIDATION ROUTINE
1288	(508)	ADDRESS	4	TVTRD117	RESERVED FOR DEVELOPMENT
1292	(50C)	ADDRESS	4	MOVEDATA	"V(MOVE)" IATDMDT MOVE DATA
		1...		NCKLOCKD	"X'80'" NCK ROUTINES IN USE
1296	(510)	ADDRESS	4	NCBTAADD	"V(NCBTAADX)" IATDCNC NCB ADD
1300	(514)	ADDRESS	4	NCBTAFND	"V(NCBTAFDX)" IATDCNC NCB FIND
1304	(518)	ADDRESS	4	NCBTAGET	"V(NCBTAGTX)" IATDCNC NCB GET
1308	(51C)	ADDRESS	4	NCBTAPUT	"V(NCBTAPTX)" IATDCNC NCB WRITE
1312	(520)	ADDRESS	4	NCBTAREL	"V(NCBTARLX)" IATDCNC NCB RELEASE
1316	(524)	ADDRESS	4	NCKADD	"V(NCKTADDX)" IATDCNC NCB CKPT ADD
1320	(528)	ADDRESS	4	NCKDEL	"V(NCKTADLX)" IATDCNC NCB CKPT DEL
1324	(52C)	ADDRESS	4	POSTSRS	"V(SRSPOST)" IATGRGU POST SPEC RESHD DSPS UAVL
1328	(530)	ADDRESS	4	PURCHAIN	"V(PURGCHN)" IATDMNC PURGE SINGLE-RECORD FILE CHAIN
1332	(534)	ADDRESS	4	PUTUNIT	"V(PUTUNI)" IATGRGU PUTUNIT
1336	(538)	ADDRESS	4	RCLOSE	IATRJM2 CLOSE TERMINAL DEVICE
1340	(53C)	ADDRESS	4	TVTRD120 (2)	RESERVED FOR DEVELOPMENT
1348	(544)	ADDRESS	4	TVTRS120 (2)	RESERVED FOR SERVICE
1356	(54C)	ADDRESS	4	TVTRU120 (2)	RESERVED FOR USER 3
1364	(554)	ADDRESS	4	RJPIO	IATRJM2 I/O TO TERMINAL DEVICE
1368	(558)	ADDRESS	4	RJPSNAP	IATGRVT CHANGED BY RJPSNPS DSP
1372	(55C)	ADDRESS	4	ROPEN	IATRJM2 OPEN TERMINAL DEVICE
		1...		TVTRJPAC	"X'80'" HI-ORDER BIT OF ROPEN 1 - RJP IS ACTIVE
1376	(560)	ADDRESS	4	TVTRU130	RESERVED FOR USER
1380	(564)	ADDRESS	4	RQTAADD	"V(RQTAADDX)" IATGRRQ RESQUEUE TABLE ADD

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1384	(568)	ADDRESS	4	RQTADEL	"V(RQTADELX)" IATGRRQ RESQUEUE TABLE DELETE
1388	(56C)	ADDRESS	4	RQTAPUT	"V(RQTAPUTX)" IATGRRQ RESQUEUE TABLE PUT
1392	(570)	ADDRESS	4	TVTRD130	RESERVED FOR DEVELOPMENT
1396	(574)	ADDRESS	4	TVTRS130	RESERVED FOR SERVICE
1400	(578)	ADDRESS	4	SPINOFF	"V(SPINOFFX)" IATOSGR SPINOFF SCHEDULING
1404	(57C)	ADDRESS	4	TVTRS140 (24)	RESERVED FOR SERVICE 4
1500	(5DC)	ADDRESS	4	TVTCISCH	IATIICS C/I SCHEDULER ENTRY POINT
1504	(5E0)	ADDRESS	4	TVTDSSCH	IATIIPC DISABLE PROCESSING AND SCHEDULING ENTRY POINT
1508	(5E4)	ADDRESS	4	TVTPSSCH	IATIIPS POSTSCAN SCHEDULER ENTRY PT
1512	(5E8)	ADDRESS	4	TVJCTREL	"V(XJCT2000)" IATGRJX DEQ FCT FROM ALL JCT'S
1516	(5EC)	SIGNED	4	TVTRD00H	RESERVED FOR DEVELOPMENT
1520	(5F0)	ADDRESS	4	TVTDISK	"V(DISK)" IATDMNC ENTRY PT FROM JSAM FCT
1524	(5F4)	ADDRESS	4	TVTRD140	RESERVED FOR DEVELOPMENT
1528	(5F8)	ADDRESS	4	TVTFSEPS (0)	Start IATGRFS entry pt list
1528	(5F8)	ADDRESS	4	TVTFSSST	IATGRFS IATXFSS TYPE=START ENTRY
1532	(5FC)	ADDRESS	4	TVTFSSFS	IATGRFS IATXFSS TYPE=FSSSTART ENTRY
1536	(600)	ADDRESS	4	TVTFSSCK	IATGRFS IATXFSS TYPE=CHKPT ENTRY
1540	(604)	ADDRESS	4	TVTFSSAB	IATGRFS IATXFSS TYPE=ABEND ENTRY
1544	(608)	ADDRESS	4	TVTFSSCL	IATGRFS IATXFSS TYPE=CLEANUP ENTRY
1548	(60C)	ADDRESS	4	TVTFSSAM	IATGRFS IATXFSS TYPE=AMBCHK ENTRY
1552	(610)	ADDRESS	4	TVTFSSFP	IATGRFS IATXFSS TYPE=FSAPOST ENTRY
1556	(614)	ADDRESS	4	TVTFSSRS	IATGRFS FSS Resource Termination Routine
1560	(618)	ADDRESS	4	TVTFSEPN (0)	End IATGRFS entry pt. list
1560	(618)	X'20'	0	TVTFSEPL	"TVTFSEPN-TVTFSEPS" Len IATGRFS entry pt. list
1560	(618)	ADDRESS	4	TVTGMS1	"V(UPDTCLCN)" IATMSCC Update GMS constraints
1564	(61C)	ADDRESS	4	TVTINPUT	"V(INPUT)" IATDMNC I/O INPUT ROUTINE
1568	(620)	ADDRESS	4	TVTOUTPT	"V(OUTPUT)" IATDMNC I/O OUTPUT ROUTINE
1572	(624)	ADDRESS	4	TVTXJCT	"V(IATXJCT)" IATGRJX JCT ACCESS ROUTINE
1576	(628)	ADDRESS	4	TVTXJQE	"V(IATXJQE)" IATGRJX JQE ACCESS ROUTINE
1580	(62C)	ADDRESS	4	TVTXSQE	IATGRSQ ADDR OF STORAGE Q MNGR
1584	(630)	ADDRESS	4	TVTXTOD	"V(TODX)" IATGRCT TOD SERVICE ROUTINE
		1...		TVTXTODF	"X'80'" HIGH ORDER BIT OF TVTXTODF 1-BINARY REQUEST
1588	(634)	ADDRESS	4	TVTCNTOR	"V(CNTORG)" IATGRCT RTN TO CYCLE FCTS W/O AWAIT
1592	(638)	ADDRESS	4	TVTDSP00	"V(ATMDSP00)" IATGRCT AUX TASK DISPATCHER
1596	(63C)	ADDRESS	4	VATAFCT	"V(ATAFCT)" IATGRG1 ATTACH FCT ROUTINE
1600	(640)	ADDRESS	4	VGETFCT	"V(GETFCT)" IATGRG1 GET FCT ROUTINE
1604	(644)	ADDRESS	4	VGETRSQ	"V(GETRSQ)" IATGRRQ GET RESQUEUE ROUTINE
1608	(648)	ADDRESS	4	WRTCHAIN	"V(WRTCHN)" IATDMNC WRITE CHAIN OF SRF-S
1612	(64C)	ADDRESS	4	ZEROCORE	"V(ZEROCRE)" IATDMNC CLEAR CORE TO ZEROS 1
1616	(650)	ADDRESS	4	IATXOSWS	"V(IATOSWS)" IATOSWS OUTPUT SERVICE SCHEDULER
1620	(654)	ADDRESS	4	IATXOSSC	"V(IATOSSC)" IATOSSC OUTPUT SERVICE SUBSYSTEM SYSOUT REQUEST SCHEDULER
1624	(658)	ADDRESS	4	IATXOSBM	"V(IATOSBM)" IATOSBM OUTPUT SERVICE BDT MANAGER
1628	(65C)	ADDRESS	4	IATXOSPC	"V(IATOSPC)" IATOSPC OUTPUT SERVICE PSO REQUEST SCHEDULER
1632	(660)	ADDRESS	4	IATXOSSO	"V(IATOSSO)" IATOSSO Output Service SYSOUT Appl Programming Interface (SAPI)
1636	(664)	ADDRESS	4	TVTJQENQ	"V(JSSJQENQ)" IATGRJS ADD A JQE TO A READY OR WAIT QUEUE
1640	(668)	ADDRESS	4	TVTJQEDQ	"V(JSSJQEDQ)" IATGRJS DELETE A JQE FROM A READY OR WAIT QUEUE
1644	(66C)	ADDRESS	4	TVTNOTFY	"V(JSSNOTFY)" IATGRJS NOTIFY ROUTINE
1648	(670)	ADDRESS	4	DLOCON	"V(SSDSDLON)" IATSSDS Activate a dest queue entry
1652	(674)	ADDRESS	4	DSQLOCEP	"V(SSDSDLOC)" IATSSDS Locate a dest queue entry
1656	(678)	ADDRESS	4	DLOCOFF	"V(SSDSDLOF)" IATSSDS Deactivate a dest queue entry
1660	(67C)	ADDRESS	4	TVTRD150 (3)	RESERVED FOR DEVELOPMENT
1672	(688)	ADDRESS	4	TVTRS150 (9)	RESERVED FOR SERVICE
1708	(6AC)	ADDRESS	4	TVTRU150 (10)	RESERVED FOR USER
1748	(6D4)	ADDRESS	4	TVTEPE (0)	END OF ENTRY POINTS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment

					TVTEPE MARKS THE END OF THE TVT ENTRIES IMPACTING IATUTIC

					MISCELLANEOUS TABLES AND DATA POINTERS - FULLWORD

					End of Comment
1748	(6D4)	ADDRESS	4	AASPMAP	"V(NUCMAP)" IATGRVT(F) MAP OF IATNUC CSECTS
1752	(6D8)	ADDRESS	4	ABENDDCB	SET BY IATABN0 ABEND DCB 4
1756	(6DC)	ADDRESS	4	TVTRD151	RESERVED FOR DEVELOPMENT 0216
1760	(6E0)	ADDRESS	4	ACONCONS	"V(IATCNCN)" DATA CSECT FOR CONSOLE SERVICE
1764	(6E4)	ADDRESS	4	TVTRD152	RESERVED FOR DEVELOPMENT
1768	(6E8)	ADDRESS	4	ASYSIOSP	SET BY IATINC2 CONSOLE ATTENTION SAVE
1772	(6EC)	ADDRESS	4	TVTRD155	Reserved for development
1776	(6F0)	ADDRESS	4	JESMSGRT	SET BY IATINC2 ROUTE CODE MAPPING TABLE
1780	(6F4)	SIGNED	4	TVT8500D	MSG ADDR FOR IAT8500 MESSAGE
1784	(6F8)	ADDRESS	4	TVTFDCTA	IATINIO Address of File Directory 0008 (FD) Control area 0008
1788	(6FC)	ADDRESS	4	TVTRSV01	Reserved 0008
1792	(700)	ADDRESS	4	AIOFDLST	IATINIO ADDRESS OF LAST FD ENTRY
1796	(704)	ADDRESS	4	AIOFDTOP	IATINIO ADDRESS OF FIRST FD ENTRY
1800	(708)	SIGNED	2	TVTRSV02	Reserved for IBM 0008
1802	(70A)	SIGNED	2	TVTSUPNO	SET BY IATINDEV NUMBER OF SUPUNITS
1804	(70C)	SIGNED	4	TVTRD165	RESERVED FOR DEVELOPEMENT
1808	(710)	BITSTRING	12	TVTDSFDB	DUMP SUPPRESSION CKPT
1820	(71C)	ADDRESS	4	TVTDMCDE	DUMP SUPPRESSION TABLE
					Comment

					GMS LOCK FLAG AND HOLDING FCT ADDRESS

					End of Comment
1824	(720)	SIGNED	4	TVTGMSUP	GMS FCT
1828	(724)	BITSTRING	1	TVTGMSFL	GMS FLAG 1
		1...		TVTGMSP	"X'80'" GMS UPDATE PENDING
1829	(725)	BITSTRING	3	TVTRU160	RESERVED FOR USER
1832	(728)	ADDRESS	4	ASPTCB	"V(ASPTCBX)" IATGRCT TCB ADCON
1836	(72C)	ADDRESS	4	TVTRDYFC	"V(RDYQFCT)" READY QUEUE FCT ADDRESS
1840	(730)	ADDRESS	4	CKPTAREA	IATINGL CHECKPOINT AREA
1844	(734)	ADDRESS	4	TVTIRA	INTRDR ANCHOR BLOCK ADDRESS
1848	(738)	ADDRESS	4	TVTHWQE	END OF HOT WRITER WAIT QUEUE0370
1852	(73C)	ADDRESS	4	DRDCB	IATISCB DCB FOR IATISDR
1856	(740)	ADDRESS	4	DSIFCT	"V(DSIFCT)" IATGRPT DYNAMIC SYSTEM INTERCHANGE FCT
1860	(744)	ADDRESS	4	DSPCONVI	"V(CI)" IATGRPT(F) DSP DICT ENTRY FOR CI
1864	(748)	ADDRESS	4	DSPDISBL	"V(DISABLE)" IATGRPT DSP DICT ENTRY FOR DISABLE
1868	(74C)	ADDRESS	4	DSPENABL	"V(ENABLE)" IATGRPT DSP DICT ENTRY FOR ENABLE
1872	(750)	ADDRESS	4	DSPISDRV	"V(ISDRVR)" IATGRPT DSP DICT ENTRY FOR INPUT SERV.
1876	(754)	ADDRESS	4	DSPMAIN	"V(MAIN)" IATGRPT DSP DICT ENTRY FOR MAIN
1880	(758)	ADDRESS	4	DSPPSTSC	"V(POSTSCAN)" IATGRPT DSP DICT ENTRY FOR POSTSCAN
1884	(75C)	ADDRESS	4	DSPDMJA	"V(DMJA)" IATGRPT DSP DICT ENTRY FOR DMJA
1888	(760)	ADDRESS	4	DSPOUTPT	"V(OUTSERV)" IATGRPT DSP DICT ENTRY FOR OUTSERV
1892	(764)	ADDRESS	4	DSPFSSCT	"V(FSSCONT)" IATGRPT DSP DICT ENTRY FOR FSS CONTROLLER
1896	(768)	ADDRESS	4	DSPURGE	"V(PURGE)" IATGRPT DSP DICT ENTRY FOR PURGE
		1...		TVTDRFLG	"X'80'" HIGH ORDER BIT OF DRDCB 1 = DRDCB IN USE
1900	(76C)	BITSTRING	1	DNMCONVI	IATGRPT(F) DSP NUMBER FOR CI
1901	(76D)	BITSTRING	1	DNMDISBL	IATGRPT DSP NUMBER FOR DISABLE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1902	(76E)	BITSTRING	1	DNMENABL	IATGRPT DSP NUMBER FOR ENABLE
1903	(76F)	BITSTRING	1	DNMISDRV	IATGRPT DSP NUMBER FOR INPUT SERV.
1904	(770)	BITSTRING	1	DNMMAIN	IATGRPT DSP NUMBER FOR MAIN
1905	(771)	BITSTRING	1	DNMPSTSC	IATGRPT DSP NUMBER FOR POSTSCAN
1906	(772)	BITSTRING	1	TVTRD190	RESERVED FOR DEVELOPMENT
1907	(773)	BITSTRING	1	DNMOUTPT	IATGRPT DSP NUMBER FOR OUTSERV
1908	(774)	BITSTRING	1	DNMPURGE	IATGRPT DSP NUMBER FOR PURGE
1909	(775)	BITSTRING	1	TVTRD200	RESERVED FOR DEVELOPMENT
1910	(776)	SIGNED	2	TVTSJFWK	IATUX20 SWBTUREQ WORKING STG SIZE 2
1912	(778)	ADDRESS	4	FIRSTDEB	SET BY IATGROP ADDR OF JES3 EXCP DEB AVT 2
1916	(77C)	ADDRESS	4	TVTFSFCT	"V(FSFCT)" IATGRPT FCT FOR FAILSOFT
1920	(780)	ADDRESS	4	TVTWTFCT	"V(WAITFCT)" IATGRPT WAIT FCT
1924	(784)	ADDRESS	4	IOERRFCT	SET BY IATDMGB DISK I/O ERROR RECOVERY FCT 4
1928	(788)	ADDRESS	4	TVTSPLST	IATINSP SPOOL PARTITION QUEUE
1932	(78C)	ADDRESS	4	TVTTGBAD	IATDMTK ADDR OF TRACK BYPASS TABLE
1936	(790)	ADDRESS	4	TVTBTR	IATDMTK BTR CKPT RCD (CKPT DS BACKUP)
1940	(794)	ADDRESS	4	TVTPTCAD	IATINSP ADDR OF PTAT CKPT RECORD
1944	(798)	ADDRESS	4	TVTSPREL	IATINSP SPART RELATIVE VECTOR
1948	(79C)	ADDRESS	4	TVTEXREL	IATINSP EXTENT RELATIVE VECTOR
1952	(7A0)	ADDRESS	4	TVTSPINT	IATINSP INITIALIZATION SPOOL PARTITION
1956	(7A4)	ADDRESS	4	TVTSPDEF	IATINSP DEFAULT SPOOL PARTITION
1960	(7A8)	BITSTRING	8	TVTSPID	IATINSD SPOOL CHECKPNT ID (DATE/TIME)
1968	(7B0)	BITSTRING	1	TVTSPFLG	SPOOL STATUS FLAGS

Comment

DEFINITION OF TVTSPFLG

End of Comment

		1...		TVTSPPCK	"X'80'" IATGRCP PTATS CHECKPOINTED
		.1..		TVTSPDEL	"X'40'" IATINSD A SPOOL DS WAS DELETED
		..1.		TVTSPUNV	"X'20'" IATINSD A SPOOL DS IS UNAVAILABLE
		...1		TVTSPRPL	"X'10'" IATINSD A SPOOL DS WAS REPLACED
		.... 1...		TVTSPADD	"X'08'" IATINSD A SPOOL DS ADDED ON RESTART
		.... .1..		TVTSPSTT	"X'04'" IATINST STT EXTENTS ALLOCATED DYNAM.
		.... ..1.		TVTSPCHG	"X'02'" IATMOSP TAT MANIPULATION IN PROGRESS
		1		TVTSPTAP	"X'01'" IATINSP TRACK ALLOCATION PERMITTED
1969	(7B1)	BITSTRING	1	TVTSPFL2	SPOOL STATUS FLAGS (BYTE 2)

Comment

DEFINITION OF TVTSPFL2

End of Comment

1970	(7B2)	SIGNED	2	TVTSP	IATINIO NUMBER OF SPOOL PARTITIONS
1972	(7B4)	BITSTRING	28	TVTRTAT	IATINSNA - RJPTAT FDB 1
2000	(7D0)	BITSTRING	2	TVTRS210	RESERVED FOR SERVICE
2002	(7D2)	BITSTRING	6	TVTINSPA	SAVED JOB TAT SPOOL ADDRESS USED FOR INITIALIZATION
2008	(7D8)	BITSTRING	12	TVTRU210	RESERVED FOR USER
2020	(7E4)	ADDRESS	4	TVTNTRCA	IATINIT NUC TASK PATH TRACE TABLE
2024	(7E8)	ADDRESS	4	TVTATRCA	IATINAX AUX TASK PATH TRACE TABLE
2028	(7EC)	ADDRESS	4	TVTJNCHN	IATGRAN PTR TO IATYJNRM C/BLOCK
2032	(7F0)	ADDRESS	4	TVTRD210	Reserved for development
2036	(7F4)	ADDRESS	4	OSSRQTOP	IATOSDR START OF RQ OUTPUT CHAIN
2040	(7F8)	ADDRESS	4	OSSWAIT	SET BY IATGRRQ OUTPUT SERVICE WAIT Q
2044	(7FC)	ADDRESS	4	TVTRS219	Reserved for development
2048	(800)	DBL WORD	8	(0)	ALIGN TO DOUBLEWORD
2048	(800)	ADDRESS	4	RJPASYNQ	RJP ASYNCHRONOUS BUFFER QUEUE
2052	(804)	ADDRESS	4	RJPECB (0)	RJP POST ECB

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
2052	(804)	BITSTRING	1	RJPECF	RJP POST FLAG BYTE
2053	(805)	BITSTRING	3		USED BY MVS POST
		1...		RJPECFCE	"X'80'" CHANNEL END OCCURRED
		.1..		RJPECFTM	"X'40'" TIME LIMIT EXPIRED
		..1.		RJPECFAB	"X'20'" RJP LINE TO BE CANCELLED
		...1		RJPECFOP	"X'10'" OPERATOR COMMAND RECEIVED
		.... 1...		RJPECFST	"X'08'" RJP LINE TO BE STARTED
		.... .1..		RJPECFCN	"X'04'" REMOTE CONS Q-ED TO DEPTH
		.... ..1.		RJPECFLL	"X'02'" LOCAL LOCK FREED POST
2056	(808)	ADDRESS	4	RJPLDCTQ	ACTIVE LINE QUEUE
2060	(80C)	ADDRESS	4	RQWTRTOP	SET BY IATGRRQ OUTPUT SERVICE WTR Q
2064	(810)	ADDRESS	4	SNAPDCBA	SET BY IATABMN JES3SNAP DCB
2068	(814)	ADDRESS	4	SPORQTOP	IATOSDR START OF SPINOFF RQ CHAIN 9
2072	(818)	ADDRESS	4	TVTCITCB	IATINAT C/I SUBTASK TCB
2076	(81C)	ADDRESS	4	TVTICTCH	IATINAT INTERP. CONTROL TABLE CHAIN
2080	(820)	ADDRESS	4	TIDSNT	IATINIF RESDSN TABLE ADDRESS
2084	(824)	ADDRESS	4	TIHWST	IATINIF HIGHWATER SETUP NAME TABLE
2088	(828)	ADDRESS	4	TIPARMS	IATINIF CIPARM TABLE ADDRESS
2092	(82C)	ADDRESS	4	TPROCCHN	IATINIP CI PROCLIB TABLE ADDRESS 2
2096	(830)	ADDRESS	4	TVTCKFCT	ADDR OF FCT ISSUING ERRXXX
2100	(834)	ADDRESS	4	TVTCKMSG	ADDR OF MSG BUFFER ERRXXX
2104	(838)	BITSTRING	4	TVTFSLGA	IATABMN FAILSOFT LOGOUT AREA (AVAIL)
		1...		TVTFSLOG	"X'80'" HIGH ORDER BIT OF TVTFSLGA 1-LOGOUT AREA AVAILABLE
2108	(83C)	BITSTRING	4	TVTFSWA	IATINIT FAILSOFT WK AREA-SP5 (AVAIL)
		1...		TVTFSWRK	"X'80'" HIGH ORDER BIT OF TVTFSWA 1-WORK AREA AVAILABLE
2112	(840)	ADDRESS	4	TVTIOPRM	IATINSD ADDR I/O PARAMETER BLOCK 1
2116	(844)	ADDRESS	4	TVTIQECA	"V(INQECF)" INQUIRY ECF ADDRESS
2120	(848)	ADDRESS	3		MUST BE ZERO
2123	(84B)	ADDRESS	1	TVTIQECM	INQUIRY LOCAL PROC ECF MASK
2124	(84C)	ADDRESS	4	TVTITKPM	SET BY IATINIT IATINTK PARMS LIST ADDR
2128	(850)	ADDRESS	4	TVTJDEQ	"V(ALDJDEQ)" IATGRLD JES3 ALOAD Q
2132	(854)	ADDRESS	4	TVTRD215	RESERVED FOR DEVELOPMENT
2136	(858)	ADDRESS	4	TVTLTRC	IATINSV ADDR OF LAST TRACE POINTER
2140	(85C)	ADDRESS	4	TVTMAPRJ	SET BY IATRJDV MAP FOR CSECTS IN IATRJMN 1
2144	(860)	ADDRESS	4	TVTMOECA	"V(MODECF)" MODIFY ECF ADDRESS
2148	(864)	ADDRESS	3		MUST BE ZERO
2151	(867)	ADDRESS	1	TVTMOECM	MODIFY LOCAL PROC ECF MASK
2152	(868)	ADDRESS	4	TVTMSPAT	SET BY IATINMD ADDRESS OF FIRST IATYPAT
2156	(86C)	ADDRESS	4	TVTMSU	SET BY IATINMD ADDRESS OF FIRST IATYMSU
2160	(870)	ADDRESS	4	TVTRD218	RESERVED FOR DEVELOPMENT
2164	(874)	ADDRESS	4	TVTFSL	SET BY IATFSLG IATYFSL ADDR IF EXISTS 2
2168	(878)	ADDRESS	4	TVTABMNE	IATABMN Outer ESTAE entry point
2172	(87C)	ADDRESS	4	OSWSQUE	Writer Wait Queue
2176	(880)	ADDRESS	4	TVTSAPWQ	SAPI Thread Wait for Work Queue
2180	(884)	ADDRESS	4	TVTRS220 (6)	RESERVED FOR SERVICE
2204	(89C)	ADDRESS	4	TVTDCNDB	"V(DUMYCNDB)" Address of dummy CNDB in TVT extension
2208	(8A0)	ADDRESS	4	TVTJMQA	JESMSG Q CONTROL ADDRESS
2212	(8A4)	ADDRESS	4	TVTJSSDA	"V(JSSDATA)" JSS WAIT & READY QUEUES
2216	(8A8)	SIGNED	4	TVTMSDM	MSG ID FOR IAT1101/IAT1103

Comment

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 TVTPJCL is the ARM FCT ECF. It must be on a fullword
 boundary for compare and swap.
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End of Comment

2220	(8AC)	SIGNED	4	(0)	
2220	(8AC)	BITSTRING	1	TVTPJCL	ARM FCT ECF
		1...		TVTPJCLP	"X'80'" XPJCL POST
2221	(8AD)	BITSTRING	1	TVTRD220 (3)	RESERVED FOR DEVELOPMENT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2224	(8B0)	ADDRESS	4	TVTNUCT	IATINIT NUC TASK TCB ADDRESS
2228	(8B4)	ADDRESS	4	TVTAUXT	IATINAX AUX TASK TCB ADDRESS
2232	(8B8)	SIGNED	4	TVTSTECB	TASK SERIALIZATION WAIT ECB
2236	(8BC)	ADDRESS	4	TVTSTTCB	ADDRESS OF STATUS STOPPED TCB
2240	(8C0)	ADDRESS	4	TVTATCB	"V(ATCB)" ADDRESS OF ATCB IN IATATCB
2244	(8C4)	ADDRESS	4	SRJPSNDU	SET BY IATSNLD DFC OUTPUT ROUTINE
2248	(8C8)	ADDRESS	4	SRJPSNDR	SET BY IATSNLD DFC RESPONSE IRB ROUTINE
2252	(8CC)	ADDRESS	4	SRJPRSRB	SET BY IATSNLD DFC RESPONSE SRB ROUTINE
2256	(8D0)	ADDRESS	4	SRJPSNDP	SET BY IATSNLD DFC RUPUT ROUTINE
2260	(8D4)	ADDRESS	4	SRJPSNDS	SET BY IATSNLD DFC SEND ROUTINE
2264	(8D8)	ADDRESS	4	SRJPSNDE	SET BY IATSNLD DFC TERMINATE ROUTINE
2268	(8DC)	ADDRESS	4	SRJPRSET	SET BY IATSNLD DFC RESET ENTRY TO SNDE
2272	(8E0)	ADDRESS	4	SRJPSNDF	SET BY IATSNLD DFC FRR ROUTINE
2276	(8E4)	ADDRESS	4	SRJPSNDA	SET BY IATSNLD DFC RC ANALYSIS ROUTINE
2280	(8E8)	ADDRESS	4	TVTRS230	RESERVED FOR SERVICE
2284	(8EC)	ADDRESS	4	TVTRU230 (3)	RESERVED FOR USER

Comment

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-------------------------------------------------------------
        CODE AND ASSOCIATED AREAS
                                        0
    Certain dummy instructions are defined as place 0
    holders in DSECTs for corresponding real code in 0
    IATGRVT. These place holders use hard coded 0
    register numbers instead of IATYREG equates because 0
    not all register equates are defined in PL/X modules 0
    generated from CASE. 0
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End of Comment

2296	(8F8)	ADDRESS	4	TVTTRC2	IATMOTR ADDR OF TRACE TRAP CODE
2300	(8FC)	SIGNED	4	TVTTRC3	IATGRTX R14 SAVE AREA - TRACE TRAP
2304	(900)	ADDRESS	4	DCTRAPS	IATUTDC DC TRAP
2308	(904)	SIGNED	4	TVTRD230 (3)	RESERVED FOR DEVELOPMENT
2340	(924)	SIGNED	4	DSPRSCNT	Number of DSPs in specialized reschedule
2344	(928)	SIGNED	4	TVTISJ	IATISEN Number of jobs that have gone through input service
2348	(92C)	SIGNED	4	TVTMBJ	IATGRJS Number of jobs that have gone through main service

Comment

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      NOTE: THE TVT IS SAVED FROM THIS POINT
            ON FOR INISH CHECKPOINT
        STANDARDS/DEFAULTS AND DATA - FULLWORD
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End of Comment

2352	(930)	SIGNED	4	TVTINSAV (0)	
2352	(930)	SIGNED	8	TVINITID	SET BY IATINIC,INCD SPOOL RCRDS INISH ID
2352	(930)	X'930'	0	TVTIDDAT	"TVINITID,4" Date portion of id
2352	(930)	X'934'	0	TVTIDTIM	"TVINITID+4,4" Time portion of id
2360	(938)	BITSTRING	12	TVTHRINF (0)	Hot/Refresh information
2360	(938)	SIGNED	4	TVTHRDAT	Hot/refresh date
2364	(93C)	SIGNED	4	TVTHRTIM	Hot/refresh time
2368	(940)	SIGNED	4	TVTHRCNT	Number of hot starts with refresh since last cold or warm start
2372	(944)	BITSTRING	12	TVTCFINF (0)	*MODIFY,CONFIG information
2372	(944)	SIGNED	4	TVTCFDAT	*MODIFY,CONFIG date
2376	(948)	SIGNED	4	TVTCFTIM	*MODIFY,CONFIG time
2380	(94C)	SIGNED	4	TVTCFCNT	Number of *MODIFY,CONFIG requests since last cold, warm, or hot start with refresh
2384	(950)	SIGNED	4	TVTRD240 (3)	Reserved for development
2396	(95C)	SIGNED	4	AIONOBFN	IATINIO NO.OF CORE AWAITS FOR BUFS
2400	(960)	SIGNED	2	TVTGRPSZ	IATINSP SPOOL RECORDS PER TRACK GROUP

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2402	(962)	BITSTRING	1	TVTMINTR	IATINSP MIN TRK GROUP PCT. SYS DEFLT
2403	(963)	BITSTRING	1	TVTMRGTR	IATINSP MARG TRK GROUP PCT. SYS DEFLT 1
2404	(964)	SIGNED	4	TVTDMPLN	IATINIC MAXIMUM LINES FOR DUMP
2408	(968)	SIGNED	4	IPLMASK	MAIN IPL MASK
2412	(96C)	SIGNED	4	TVTMAXC	IATINCH DEFAULT JOB CARDS (X 100)
2416	(970)	SIGNED	4	TVTMAXL	IATINCH DEFAULT JOB LINES (X 1000)
2420	(974)	SIGNED	4	TVTMAXP	IATINCH DEFAULT JOB PAGES
2424	(978)	SIGNED	4	TVTMAXB	IATINCH DEFAULT JOB BYTES (X 1000)
2428	(97C)	SIGNED	4	SIZEBUF	SET BY IATINIO SIZE OF BUFFER
2428	(97C)	X'97E'	0	BUFSZ	"SIZEBUF+2,2,C'H'" SIZE OF BUFFER - HALFWORD
2432	(980)	SIGNED	4	TVTONMSK	ON-LINE MAIN MASK 0181
2436	(984)	SIGNED	4	TVTSNECB	ECB POSTED ON SNAP NUCTASK COMPLETION.
2440	(988)	SIGNED	4	TVTCIECB	IATINAT ECB FOR C/I SUBTASK
		1...		TVTCISBW	"X'80'" IATIISB IS WAITING

Comment

ADDRESS SPACE SPECIFIC CI COUNTS

End of Comment

2444	(98C)	SIGNED	4	TVTMXDCI	MAXIMUM NUMBER OF CI DSPS FOR DEMAND/SELECT JOBS IN ADDRESS SPACE
2448	(990)	SIGNED	4	TVTUCDCI	DEMAND/SELECT CI DSPS : NUMBER IN USE
2452	(994)	SIGNED	4	TVTATDCI	DEMAND/SELECT CI SUBTASKS NUMBER ATTACHED 4
2456	(998)	SIGNED	4	TVTSBCNT (0)	IATINAT INTERP DSP SUBTASK COUNTS
2456	(998)	X'99A'	0	TVTCICNT	"TVTSBCNT+2,2" NUMBER OF C/I SUBTASKS
2460	(99C)	SIGNED	4	TVTPSDMX	DEMAND/SELECT POSTSCAN DSPS MAXIMUM NUMBER
2464	(9A0)	SIGNED	4	TVTPSDUS	DEMAND/SELECT POSTSCAN DSPS NUMBER IN USE
2468	(9A4)	CHARACTER	8	XCFGRPNM	JESXCF GROUP NAME SPECIFIED ON THE OPTIONS INITIAL- IZATION STATEMENT, BLANK IF NOT SPECIFIED OR NOT SPECIFIED CORRECTLY
2476	(9AC)	CHARACTER	8	XCFDEFGP	Home Node name from last Cold or Warm start. Used for XCFGRPNM default.
2484	(9B4)	SIGNED	4	TVTBSZDT	BUFFER DATA SIZE
2488	(9B8)	SIGNED	4	TVTCPUID	CPUID FROM SMCA
2492	(9BC)	SIGNED	4	TVTDATSZ	IATINIO IATYDAT SIZE (BUFSZ+DAT HDR)
2496	(9C0)	SIGNED	4	TVTDMSAV (4)	TRACE SAVE AREA
2512	(9D0)	SIGNED	4	TVTDMTRC (8)	JES3IOS TRACE DATA AREA
2544	(9F0)	SIGNED	4	TVTRSV03	Reserved for IBM
2548	(9F4)	SIGNED	4	TVTMAINJ	MAIN MASK OF ALL JES3 MAINS
2552	(9F8)	SIGNED	4	TVTSIOSV (6)	JES3SDM SAVE AREA
2576	(A10)	SIGNED	4	TVTUTIC	IATUTIC WORK AREA
2580	(A14)	SIGNED	4	TVTWAITS	IATGRCT TOTAL OS WAITS - JES3 TCB
2584	(A18)	SIGNED	4	TVTMNSMS	MASK OF MAIN PROCESSORS THAT HAVE SMS INSTALLED
2588	(A1C)	SIGNED	4	TVTRD260 (9)	RESERVED FOR DEVELOPMENT
2624	(A40)	SIGNED	4	TVTVALID	IATDMTK Maximum VALID value used
2628	(A44)	SIGNED	4	TVTRS260 (13)	Reserved for Service 0027
2680	(A78)	SIGNED	2	TVTRS261	Reserved for Service 0027
2682	(A7A)	ADDRESS	1	TVTWDLIM	WANTDUMP=YES limit 0027
2683	(A7B)	ADDRESS	1	TVTWDITV	WANTDUMP=YES interval in 0027 minutes 0027
2684	(A7C)	SIGNED	2	TVTJBNSE	COUNT OF FREE SECONDARY- JSAM BUFFER EXTENTS
2686	(A7E)	SIGNED	2	TVTJBDTH	JSAM BUFFER DELETE THRESH
2688	(A80)	SIGNED	2	TVTPPAGS	PAGE COUNT - PRIMARY EXT.
2690	(A82)	SIGNED	2	TVTSPAGS	PAGE COUNT - SECONDARY EXT.
2692	(A84)	SIGNED	2	TVTJBLIM	JSAM BUFFER POOL- EXPANSION LIMIT
2694	(A86)	SIGNED	2	TVTJBEXP	COUNT OF JSAM BUFFER POOL- EXPANSIONS
2696	(A88)	SIGNED	4	TVTRU260 (5)	RESERVED FOR USER 2
2716	(A9C)	SIGNED	4	TVTSCANI	IATGRLD SCAN CYCLE INTERVAL USED IN SCAN DELETE ROUTINE. TO DISABLE ROUTINE, SET THIS VALUE TO ZERO
2720	(AA0)	SIGNED	4	TVTRD270 (2)	RESERVED FOR DEVELOPMENT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2728	(AA8)	SIGNED	4	TVTRS270 (2)	RESERVED FOR SERVICE
2736	(AB0)	SIGNED	4	TVTRU270 (2)	RESERVED FOR USER
2744	(AB8)	SIGNED	2	TVTDMCSZ	LENGTH OF ONE DMC
2746	(ABA)	SIGNED	2	TVTDMCPG	# OF DMC'S FIT IN ONE PAGE
2748	(ABC)	SIGNED	4	TVTRD280 (4)	RESERVED FOR DEVELOPMENT
2764	(ACC)	SIGNED	4	TVTMUBLN	IATINIO MAXIMUM USER BUFFER LENGTH, THIS FIELD IS THE MAXIMUM SPACE AVAILABLE FOR USER DATA IN ONE BUFFER. IT EQUALS TVTBSZDT - L'DATCC.
2768	(AD0)	SIGNED	4	TVTMLRL	IATINIO MAXIMUM LOGICAL RECORD LEN
2772	(AD4)	SIGNED	4	TVTDLMSK	IATINIO DATA LENGTH MASK, THIS FIELD IS USED TO ISOLATE THE LENGTH FIELD OF THE DATCC
2776	(AD8)	ADDRESS	4	SRJPSNSG	SET BY IATSNLD SAVE AREA GET ROUTINE
2780	(ADC)	ADDRESS	4	SRJPSNJP	SET BY IATSNLD JES3 POST ROUTINE
2784	(AE0)	ADDRESS	4	SRJPSNFI	SET BY IATSNLD FM INBOUND ROUTINE
2788	(AE4)	ADDRESS	4	SRJPSNFO	SET BY IATSNLD FM OUTBOUND ROUTINE
2792	(AE8)	ADDRESS	4	SRJPSNPI	SET BY IATSNLD PS INBOUND ROUTINE
2796	(AEC)	ADDRESS	4	SRJPSNPO	SET BY IATSNLD PS OUTBOUND ROUTINE
2800	(AF0)	ADDRESS	4	SRJPSNLM	SET BY IATSNLD MSG RTN ENTRY POINT
2804	(AF4)	ADDRESS	4	TVTRS280	RESERVED FOR SERVICE

Comment

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        FDB'S AND DATA - HALFWORD
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End of Comment

2808	(AF8)	BITSTRING	12	DJCCKFDB	DJC CKPT FDB 1
2820	(B04)	BITSTRING	12	GMSFDB	MAIN SCHEDULING CHKPT FDB 1
2832	(B10)	BITSTRING	28	MNTRKFDB	SINGLE TRACK TABLE TAT FDB 4
2860	(B2C)	BITSTRING	12	SMRFDB	SELECT MODE RECORD FDB 1
2872	(B38)	BITSTRING	12	TVONLFDB	SYSUN VARY STATUS CKPT FDB 1
2884	(B44)	BITSTRING	28	JCTRKFDB	JCT ALLOCATION DUMMY TAT FDB 3
2912	(B60)	BITSTRING	12	TVTFSSFD	FSS/FSA CHECKPT ROOT FDB
2924	(B6C)	BITSTRING	4	TVTRD290	RESERVED FOR DEVELOPMENT 6
2928	(B70)	BITSTRING	12	TVVCKFDB	VUA CHECKPOINT FDB
2940	(B7C)	SIGNED	2	AFGABNUM	IATABMN JES3 FAILURE NUMBER
2942	(B7E)	SIGNED	2	AIOBFUSE	IATINIO NUMBER OF BUFFERS IN USE
2944	(B80)	SIGNED	2	TVTSNNUM	JES3 FAILURE NUMBER ASSOCIATED WITH SNAP NUCTASK REQUEST.
2946	(B82)	SIGNED	2	AIONBUFS	IATINIO NUMBER OF JES3 BUFFERS
2948	(B84)	SIGNED	2	AIONOBFM	IATINIO MAX NUMBER EVER IN USE 12
2950	(B86)	SIGNED	2	TVTRD300 (2)	Reserved for IBM
2954	(B8A)	SIGNED	2	TVTDATFS	IATINIO SIZE FIXED PORTION IATYDAT
2956	(B8C)	SIGNED	2	TVTRD305 (6)	Reserved for IBM 2
2968	(B98)	SIGNED	2	AIOBMIN	- IATINIO MIN. JSAM BUFFERS
2970	(B9A)	SIGNED	2	TVTDYSCR	DYNALLOC SCRATCH JVT NUMBER
2972	(B9C)	SIGNED	2	TVTRS310 (4)	Reserved for Service
2980	(BA4)	BITSTRING	1	TVTSPFLC	Spool Flags - checkpointed

Comment

```
-------------------------------------------------------------
      Definition of TVTSPFLC
-------------------------------------------------------------
```

End of Comment

1...	TVTSDION	"X'80'" SDI=YES specified
.1..	TVTDSI40	"X'40'" Reserved for Service
..1.	TVTDSI20	"X'20'" Reserved for Service
...1	TVTDSI10	"X'10'" Reserved for Service
.... 1...	TVTDSI08	"X'08'" Reserved for Service
.... .1..	TVTDSI04	"X'04'" Reserved for Service
.... ..1.	TVTDSI02	"X'02'" Reserved for Service

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1		TVTDSI01	"X'01'" Reserved for Service
2981	(BA5)	BITSTRING	1	TVTISFLG	Input Service Flags - checkpointed

Comment

Definition of TVTISFLG

End of Comment

		1...		TVTASPE	"X'80'" ALTJCL=ERROR specified (flag ASP-style JECL as errors)
		.1..		TVTASPW	"X'40'" ALTJCL=IGNOREW specified (flag ASP-style JECL as warnings)
		..1.		TVTASPC	"X'20'" ALTJCL=COMMENT specified (treat ASP-style JECL as comments)
		...1		TVTISF10	"X'10'" Reserved for IBM
		.... 1...		TVTISF08	"X'08'" Reserved for IBM
		.... .1..		TVTISF04	"X'04'" Reserved for IBM
		.... ..1.		TVTISF02	"X'02'" Reserved for IBM
		1		TVTISF01	"X'01'" Reserved for IBM
2982	(BA6)	SIGNED	2	TVTINTRD	MAXIMUM NUMBER OF INTRDR'S
2984	(BA8)	SIGNED	2	TVTFDUSE	NUMBER OF FD ENTRIES IN USE
2986	(BAA)	SIGNED	2	TVTFDMAX	MAX. NO. OF FD ENTRIES USED
2988	(BAC)	BITSTRING	1	TVTRD310 (3)	RESERVED FOR DEVELOPMENT

Comment

ESTAE RECOVERY WTD FLAGS AND STORAGE POINTERS

End of Comment

2991	(BAF)	BITSTRING	1	TVTESTFL	INIT,ABMN ESTAE WORK TO DO FLAG
		1...		TVTGETE6	"X'80'" RE-ACQUIRE SYS SUBPOOL STORAGE
		.1..		TVTGET00	"X'40'" RE-ACQUIRE USER SUBPOOL STORAGE
		..1.		TVTSDMSG	"X'20'" ISSUE WTO WARNING MSG
		...1		TVTSNAPN	"X'10'" SNAP NUCTASK
2992	(BB0)	SIGNED	4	TVTESTE6	INIT,GRCT ESTAE PTR FOR SYSTEM SUBPOOL
2996	(BB4)	SIGNED	4	TVTEST00	INIT,GRCT ESTAE PTR FOR USER SUBPOOL
2996	(BB4)	BITSTRING	0	TVTESTSZ	"X'2000'" 8K GETMAIN SIZE FOR ESTAE
		.... ..1.		TVTSBPUS	"X'02'" USER SUBPOOL 2
		111. .11.		TVTSBPSY	"X'E6'" SYSTEM SUBPOOL 230 (E6)
3000	(BB8)	SIGNED	2	TVTRU310 (3)	RESERVED FOR USER

Comment

FLAGS AND ECFS

End of Comment

3006	(BBE)	BITSTRING	1		Reserved for development
3007	(BBF)	BITSTRING	1	AFGFLAG2	FLAG BYTE 2
		1...		AFGGMPF	"X'80'" CONSTD, GLOBMPF=YES
		.1..		AFGNOCPF	"X'40'" No sysplex prefix defined 0101 to CPF (XCFLOCAL mode) 0101
		..1.		AFGRS220	"X'20'" Reserved flag
		...1		AFGRS210	"X'10'" Reserved flag
		.... 1...		AFGRS208	"X'08'" Reserved flag
		.... .1..		AFGRS204	"X'04'" Reserved flag
		.... ..1.		AFGRS202	"X'02'" Reserved flag
		1		AFGRS201	"X'01'" Reserved flag
3008	(BC0)	BITSTRING	1	TVTLIMF	LIMIT FLAG

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		TVTCANB	"X'80'" MAX BYTES EXCEEDED, CNCL JOB
		.1..		TVTDMPB	"X'40'" MAX BYTES EXCEEDED, DUMP JOB
		..1.		TVTCANP	"X'20'" MAX PAGES EXCEEDED, CNCL JOB
		...1		TVTDMPP	"X'10'" MAX PAGES EXCEEDED, DUMP JOB
		.... 1...		TVTCANC	"X'08'" MAX CARDS EXCEEDED, CNCL JOB
		.... .1..		TVTDMPC	"X'04'" MAX CARDS EXCEEDED, DUMP JOB
		.... ..1.		TVTCANL	"X'02'" MAX LINES EXCEEDED, CNCL JOB
		1		TVTDMPL	"X'01'" MAX LINES EXCEEDED, DUMP JOB
3009	(BC1)	BITSTRING	1	AFGFLAG5	FLAG BYTE 5
		1...		AFGDLPST	"X'80'" DEADLINE POST 1 1
3010	(BC2)	BITSTRING	1	AIOFLAG1	IATINIO FLAGS
		1...		AIORDWRT	"X'80'" I/O REQ FROM READ/WRITE RTN
		.1..		AIOFDNEW	"X'40'" ON WHEN FD ENTRIES ARE AVAIL
		..1.		AIOGETBF	"X'20'" GETBUF REQUEST
		.... 1...		AIONOSPC	"X'08'" NO SPACE ON QUEUE PACKS
		.... .1..		AIOSNGIO	"X'04'" SET FOR SINGL REC I/O REQUEST
3011	(BC3)	BITSTRING	1	AIOFLAG2	IATINIO FLAGS
		1...		AIONOAWT	"X'80'" GETBUF WITHOUT AWAIT
		..1.		AIORESPG	"X'20'" INVERSE PURGE STT ENTRY
		...1		AIOPTJSM	"X'10'" Post of JSAM is required
		.... 1...		AIOJQMSG	"X'08'" Reserved for IBM
		.... .1..		AIOMSOUT	"X'04'" MINIMAL JSAM BUFFER MSG (IAT1101/IAT1103) OUTSTANDING
		.... ..1.		AIOMCMSG	"X'02'" MARG TRK COND IN INIT
		1		AIOMNBUF	"X'01'" MIN. JSAM BUF COND.
3012	(BC4)	BITSTRING	1	JSSFLG1	JSS FLAG BYTE

Comment

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-------------------------------------------------------------
          DEFINITION OF JSSFLG1
-------------------------------------------------------------
```

End of Comment

		1...		JSSGPOST	"X'80'" GENERAL POST OF JSS (*S JSS)
		.1..		JSSDUCHG	"X'40'" THE USE COUNT OR STATUS OF A DSP HAS CHANGED
		..1.		JSSOSWEF	"X'20'" AN RQ ON THE OUTSERV WAIT RQ CHAIN (INDEX=RQOSWAIT) HAS COMPLETED PROCESSING
		...1		JSSPRELH	"X'10'" ONE OR MORE JOB PRIORITY LEVELS HAVE BEEN RELEASED FROM OPERATOR HOLD
		.... 1...		JSSMCGAV	"X'08'" A MAIN, GMS CLASS, OR GMS GROUP HAS BECOME AVAILABLE
		.... .1..		JSSEFADD	"X'04'" ENDING FUNCTION RQ ADDED TO EF CHAIN (INDEX=RQDONE OR RQCMPLT)
		.... ..1.		JSSPROCN	"X'02'" A PROCLIB HAS BEEN ENABLED
		1		JSSRQTMR	"X'01'" TIMER INTERVAL EXPIRED FOR RETRY AFTER RQ SHORTAGE
3013	(BC5)	BITSTRING	1	JSSFLG2	JSS FLAG BYTE

Comment

```
-------------------------------------------------------------
          DEFINITION OF JSSFLG2
-------------------------------------------------------------
```

End of Comment

		1...		JSSFSTIM	"X'80'" JSS FIRST PASS AFTER START
		.1..		JSSACTIV	"X'40'" JSS FIRST PASS COMPLETED
		..1.		JSSCHKPT	"X'20'" JSS CHECKPOINT JCT REQUEST
		...1		JSSSTART	"X'10'" *S JSS HAS BEEN ISSUED
		.... 1...		JSSWORKQ	"X'08'" ONE OR MORE JQES HAVE BEEN ADDED TO THE JSS READY Q

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		TVTMPLAV	"X'04'" A MAIN PROCESSOR HAS 0181 BECOME AVAILABLE 0181
		.... ..1.		TVTDPJEN	"X'02'" DUPJOBNM SET TO YES
		1		TVTCIJSS	"X'01'" C/I JSAM buffers available 0082
3014	(BC6)	BITSTRING	1	TATFLAGS	IATINIO FLAGS
		1...		TATMINQ	"X'80'" Minimal tracks condition for the default spool partition
		.1..		TATMRGQ	"X'40'" Marginal tracks condition for the default spool partition
		..1.		TATGMSSP	"X'20'" Potential GMS job select suspend condition. This occurs when a spool partition and all of its overflow partitions are in a marginal tracks condition.
3015	(BC7)	BITSTRING	1	JSSTPOST	JSS TIMER POST FLAGS
3016	(BC8)	BITSTRING	1	TVTRD315	Reserved for development 0012 9
3017	(BC9)	BITSTRING	1	TVTFSFG1	FAILSOFT FLAGS
		1...		AFGESTAE	"X'80'" ESTAE EXIT RTN IN CONTROL
		.1..		AFGPJES3	"X'40'" JES3 TERMINATION REQUIRED
		..1.		AFGFSACT	"X'20'" JES3 FAIL SOFT IS ACTIVE
		...1		TVTFSUFD	"X'10'" SET BY IATABN0 UNFORMATTED DUMP TAKEN OK
		.... 1...		AFGDMPOS	"X'08'" OPTIONS,DUMP=MVS
		.... .1..		AFGDMPSA	"X'04'" OPTIONS,DUMP=PRDMP
		.... ..1.		TVTFSNDP	"X'02'" OPTIONS,WANTDUMP=NO
		1		TVTFSASK	"X'01'" OPTIONS,WANTDUMP=ASK
3018	(BCA)	BITSTRING	1	TVTFSFG2	FAILSOFT FLAGS
		1...		AUXPTERM	"X'80'" AUXTASK IS TERMINATING
3019	(BCB)	BITSTRING	1	TVTINTRP	FLAGS FOR INTERPRETER OPTIONS
3019	(BCB)	X'BCB'	0	TVTMDFLG	"TVTINTRP" FLAGS FOR MAIN DEVICE SCHED
		1...		TVTFETCH	"X'80'" SET BY IATINMD MAIN DEVICE FETCH OPTION
		.1..		TVTPREFR	"X'40'" SET BY IATINCH THWSSEP=PREFER
		..1.		TVTREQUI	"X'20'" SET BY IATINCH THWSSEP=REQUIRE
		...1		TVTSMSET	"X'10'" JES3 IS DOING DATA SET ALLOCATION FOR SMS RESOURCES
		.... .1..		TVTANYJS	"X'04'" INTERPRETER DEFAULT ANYJES
		.... ..1.		TVTANYRL	"X'02'" INTERPRETER DEFAULT ANYREAL
		1		TVTBOTH	"X'01'" INTERPRETER DEFAULT BOTH
3020	(BCC)	BITSTRING	1	TVTSETUP	FLAGS FOR SETUP OPTIONS
		1...		MSSACT	"X'80'" SET BY IATINMD SETPARAM,MSS=...
		.1..		MSSJOB	"X'40'" SET BY IATINMD MSS=JOB; ELSE, =HWM
		..1.		MSSDEPTH	"X'20'" SET BY IATINMD SETPARAM,MSSDEPTH=YES
		...1		TVTRSF10	"X'10'" Reserved for IBM
		.... 1...		TVTIHWS	"X'08'" STANDARDS,SETUP=HWS
		.... .1..		TVTDHWS	"X'04'" STANDARDS,SETUP=DHWS
		.... ..1.		TVTTHWS	"X'02'" STANDARDS,SETUP=THWS
		1		TVTNONE	"X'01'" STANDARDS,SETUP=NONE
3021	(BCD)	BITSTRING	1	DYNECF	ECF FOR IATDYDR
		1...		DYNALOC	"X'80'" DYN ALLOC SA REC'D
		.1..		DYNUNAL	"X'40'" UNALLOC SA REC'D
		..1.		DYNCDD	"X'20'" CHANGE DDNAME SA REC'D
		...1		DYNINIT	"X'10'" INITIALIZATION COMPLETE
3021	(BCD)	X'E0'	0	DYNSAMSK	"DYNALOC+DYNUNAL+DYNCDD" SA POST
3022	(BCE)	BITSTRING	1	TVTDYNL	FLAGS FOR DYNAL FCT
		1...		TVTDRCRC	"X'80'" RECOVERY RECURSION FLAG
3023	(BCF)	BITSTRING	1	TVTSTFLG	IBM SYSTEM TESTING USE
		1...		TVTSTFG0	"X'80'"
		.1..		TVTSTFG1	"X'40'"
		..1.		TVTSTFG2	"X'20'"
		...1		TVTSTFG3	"X'10'"
		.... 1...		TVTSTFG4	"X'08'"
		.... .1..		TVTSTFG5	"X'04'"
		.... ..1.		TVTSTFG6	"X'02'"
		1		TVTSTFG7	"X'01'"
3024	(BD0)	BITSTRING	1	TVTVS2F1	SUBSYSTEM MODE FLAG
		1...		TVTPRSUB	"X'80'" JES3 IS PRIMARY SUBSYSTEM
		.1..		TVTGLOBL	"X'40'" GLOBAL MODE INDICATOR
		..1.		TVTLOCAL	"X'20'" LOCAL MODE INDICATOR
		.... 1...		TVTVIRT	"X'08'" SYSTEM IS VIRTUAL

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		TVTOLDGL	"X'04'" SYSTEM WAS AN OLD GLOBAL

Comment

```
-----------------------------------------------------------
      JESMSGLG Suppression Flags from STANDARDS statement
-----------------------------------------------------------
```

End of Comment

3025	(BD1)	ADDRESS	1	TVTJESMS	JESMSGLG flag (default set to NOTSO)
		1...		TVTJNTSO	"X'80'" TSO JESMSGLG suppression flag
		.1..		TVTJNSTC	"X'40'" STC JESMSGLG suppression flag
		..1.		TVTJNBAT	"X'20'" Batch JESMSGLG suppression flag
3026	(BD2)	BITSTRING	1	TVTCIFLG	FLAG FOR C/I
		1...		TVTCBCLS	"X'80'" CIBATCH=CLASS (STANDARDS)
		.1..		TVTCBJOB	"X'40'" CIBATCH=JOB " @WA35670
		..1.		TVTCDCLS	"X'20'" CIDEMAND=CLASS " @WA35670
		...1		TVTCDJOB	"X'10'" CIDEMAND=JOB " @WA35670
		.... 1...		TVTCFR08	"X'08'" RESERVED FLAG
		.... .1..		TVTCFR04	"X'04'" RESERVED FLAG
		.... ..1.		TVTCFR02	"X'02'" RESERVED FLAG
		1		TVTCFR01	"X'01'" RESERVED FLAG
3027	(BD3)	BITSTRING	1	TVTRU320	RESERVED FOR USER

Comment

```
-----------------------------------------------------------
     NOTE: THE TVTFSSID WILL BE ZERO IF NOT EXECUTING
              IN AN FSS ADDRESS SPACE
-----------------------------------------------------------
```

End of Comment

3028	(BD4)	SIGNED	4	TVTFSID (0)	FSS ID
3028	(BD4)	SIGNED	2	TVTFSSID	FSS PORTION OF FSS ID
3030	(BD6)	SIGNED	2	TVTFSAID	FSA PORTION OF FSS ID
3032	(BD8)	BITSTRING	1	TVTFSFLG	FSS FLAG
		1...		TVTFSSAD	"X'80'" EXECUTING IN FSS ADDRESS SPACE
		.1..		TVTCIFSS	"X'40'" CI FSS ADDRESS SPACE
3033	(BD9)	BITSTRING	1	UAVLFLG	UNIT AVAILABLE FLAG
3034	(BDA)	BITSTRING	1	AIOBFECF	IF NON-0, JES BUFS ARE AVAIL
3035	(BDB)	BITSTRING	1	MSGCECF	ECF FOR IATMSGC
		1...		GECFSTAD	"X'80'" STA ADDRESS POST
		.1..		GECFMCON	"X'40'" MAIN CONNECT POST
		..1.		GECFMTRK	"X'20'" MINTRK CLEAR POST

Comment

```
-----------------------------------------------------------
   TVTPTECF MASK IS USED AGAINST TWO FLAG BYTES:
          MSGCECF AND TVTPATH
-----------------------------------------------------------
TVTPTECF EQU X'10' SEE BELOW FOR DEFINITION
```

End of Comment

		.... 1...		GECFJOBN	"X'08'" Job number shortage cleared post
3036	(BDC)	BITSTRING	1	OSEFLAGS	ECF FLAG FOR IATOSDR
		1...		SPINPOST	"X'80'" SPINOFF OUTPUT TO PROCESS
		.1..		OSEOUTPT	"X'40'" NORMAL OUTPUT TO PROCESS
		..1.		OSETIMER	"X'20'" TIMER INTERVAL TO PROCESS
		...1		OSEWTRS	"X'10'" WRITER OUTPUT PENDING
		.... 1...		INITOPS	"X'08'" FIRST OUTSERV POST (BY JSS)
		.... .1..		OSERQWS	"X'04'" SELECTIVE RESQ WTR START
		.... ..1.		OSEWTRSL	"X'02'" START SPECIFIED WTR
3037	(BDD)	BITSTRING	1	TVTRD330 (2)	RESERVED FOR DEVELOPMENT

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
3039	(BDF)	BITSTRING	1	TVTPATH	ECF FOR VARY PATH

Comment

```
-----------------------------------------------------------
  TVTPTECF MASK IS USED AGAINST TWO FLAG BYTES:
        MSGCECF AND TVTPATH
-----------------------------------------------------------
```

End of Comment

		...1		TVTPTECF	"X'10'" VARY PATH POSTED
3040	(BE0)	SIGNED	4	DECF (0)	JSAM ECF
		1...		DECFIO	"X'80'" POST BIT - JSAM I/O COMPLETE
		.1..		DECFTX	"X'40'" POST BIT - USAM TRACKS REQ
		..1.		DECFER	"X'20'" POST BIT - SPOOL I/O ERROR
		...1		DECFDR	"X'10'" POST BIT - DDR REQUEST
		.... 1...		DECFSEC	"X'08'" POST BIT - SECONDARY POST

Comment

```
-----------------------------------------------------------
  TVTDRTN AND
  TVTDRDN MASKS ARE BOTH USED AGAINST TWO FLAG BYTES:
        DECF AND TVTDRECF
-----------------------------------------------------------
TVTDRTN EQU X'04' SEE BELOW FOR DEFINITION
TVTDRDN EQU X'02' SEE BELOW FOR DEFINITION
```

End of Comment

		1		DECFBTR	"X'01'" POST BIT - BADTRACK UPDATE
3041	(BE1)	BITSTRING	1	TVTCIECF	IATINAT ECF OF C/I SUBTASK

Comment

```
-----------------------------------------------------------
      DEFINITION OF TVTCIECF (SERIALIZED VIA OIL MACRO)
-----------------------------------------------------------
```

End of Comment

		1...		TVTCIATC	"X'80'" IATIISB C/I SUBTASK ATTACH COMPLETE
		.1..		TVTMSABN	"X'40'" IATIISB MASTER SUBTASK ABENDED
		..1.		TVTFSCIU	"X'20'" IATIICS CI FSS DEMAND SELECT CI SUBTASK IS IN USE
		...1		TVTCFATF	"X'10'" IATINAT CI FSS DEMAND SELECT CI SUBTASK ATTACH FAILURE
		.... 1...		TVTCIR08	"X'08'" RESERVED FLAG
		.... .1..		TVTCIR04	"X'04'" RESERVED FLAG
		.... ..1.		TVTCIR02	"X'02'" RESERVED FLAG
		1		TVTCIR01	"X'01'" RESERVED FLAG
3042	(BE2)	BITSTRING	1	TVTJSFLG	JSAM FCT FLAG
		1...		TVTSPMSG	"X'80'" SPOOL SPACE MESSAGE POST 0582
		.1..		TVTJBMSG	"X'40'" JSAM BUFFER MESSAGE POST 0582
		..1.		TVTJBOUT	"X'20'" JSAM BUFFER MESSAGE ISSUED 0582
		...1		TVTJBUSE	"X'10'" JSAM BUFFER POOL POST
3043	(BE3)	BITSTRING	1	TVTLOECF	LOCATE ECF (USE TVTVRECF NOW)
3043	(BE3)	X'BE3'	0	TVTVRECF	"TVTLOECF,1" VERIFY FCT ECF

Comment

```
-----------------------------------------------------------
      DEFINITION OF TVTVRECF - REPLACES TVTLOECF
-----------------------------------------------------------
```

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		LVRRSV80	"X'80'" RESERVED FLAG
		.1..		LVRRSV40	"X'40'" RESERVED FLAG
		..1.		LVRRSV20	"X'20'" RESERVED FLAG
		...1		LVRRSV10	"X'10'" RESERVED FLAG

Comment

EQU X'08' RESERVED FOR (AND RESET IN) IATLVVR

End of Comment

		.... .1..		LVRATPST	"X'04'" IATLVVR ATTENTION POST
		.... ..1.		LVRRSPST	"X'02'" IATLVVR RESTART POST
		1		LVRSAPST	"X'01'" IATLVVR STAGING AREA POST
3044	(BE4)	BITSTRING	1	TVTICLK	IATUTIC SUBROUTINE LOCK
3045	(BE5)	BITSTRING	2	TVTRD345	RESERVED FOR DEVELOPMENT 9
3047	(BE7)	BITSTRING	1	TVTCECF	CONSOLE SPOOL I/O ECF
		1...		TVTJMSSI	"X'80'" JESMSGLG SSI processing
		.1..		TVTJMJBT	"X'40'" JESMSGLG job termination cleanup
		..1.		TVTJMUPD	"X'20'" JESMSGLG update
3048	(BE8)	BITSTRING	1	TVTRD350	RESERVED FOR DEVELOPMENT
3049	(BE9)	BITSTRING	1	TVTRU350 (3)	RESERVED FOR USER
3052	(BEC)	BITSTRING	1	TVTDRECF	DDR ECF FLAG

Comment

TVTDRTN AND
TVTDRDN MASKS ARE BOTH USED AGAINST TWO FLAG BYTES:
DECF AND TVTDRECF

End of Comment

		.... .1..		TVTDRTN	"X'04'" TAPE/UR DDR POSTED NORMAL PROC
		.... ..1.		TVTDRDN	"X'02'" DASD DDR NORMAL PROCESSING
		1...		TVTDRTR	"X'80'" TAPE/UR DDR RESTART PROCESSING
		.1..		TVTDRDR	"X'40'" DASD DDR RESTART PROCESSING
3053	(BED)	BITSTRING	1	TVTDRCR	DDR FCT CREATED FLAG

Comment

DEFINITION OF TVTATFLG

End of Comment

3054	(BEE)	BITSTRING	1	TVTATFLG	AUX TASKING FLAGS
		1...		TVTATE	"X'80'" AUX TASK ENABLED FOR WORK
		.1..		TVTMTON	"X'40'" MT=ON SPECIFIED IN INISH DECK

Comment

DEFINITION OF TVTFLAG1 (SERIALIZED BY COMP. AND SWAP)

End of Comment

3055	(BEF)	BITSTRING	1	TVTFLAG1	WORK FLAGS SERIALIZED BY CS
		1...		TVTUAGET	"X'80'" UNSUCCESSFUL AGETMAIN OCCURRED
		.1..		TVTTSOPS	"X'40'" TSO JES3 REQUEST
		..1.		TVTENST	"X'20'" Enhanced Status

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		---------- DEFINITION OF TVTGSWK1 COMPARE AND SWAP MUST BE USED TO SERIALIZE ACCESS TO THESE FLAGS ----------			
				End of Comment	
3056	(BF0)	BITSTRING	1	TVTGSWK1	ECF FOR GENERAL SERVICE DSP
		1...		TVTGSPFD	"X'80'" PENDING FAILDSP REQUEST
		.1..		TVTGSATT	"X'40'" ATTACH ATDE REQUEST
		..1.		TVTGSDET	"X'20'" DETACH ATDE REQUEST
		...1		TVTGSAGP	"X'10'" AGETMAIN POSTING RESQUEST
		.... 1...		TVTGSSAT	"X'08'" STOP AUXTASK FOR MODIFY,MT
		.... .1..		TVTGSSWM	"X'04'" Switch IATXSUSP mask
				Comment	
		---------- DEFINITION OF TVTSTUSR ----------			
				End of Comment	
3057	(BF1)	BITSTRING	1	TVTSTUSR	ABEND SER. RTN. USER FLAGS
		1...		TVTSSNUC	"X'80'" IATNUC TASK GET/REL RESOURCE
		.1..		TVTSSAUX	"X'40'" IATAUX TASK GET/REL RESOURCE
		1		TVTSSDST	"X'01'" DSP MODIFIER FOR USE OF RESOURCE.
3057	(BF1)	X'81'	0	TVTSSDSP	"(TVTSSNUC+TVTSSDST)"
3058	(BF2)	BITSTRING	1	TVTSTLOC	ABEND SER. RTN. LOCK BYTE
				Comment	
		---------- DEFINITION OF TVTDJFLG FLAG BYTE ----------			
				End of Comment	
3059	(BF3)	BITSTRING	1	TVTDJFLG	DJ FLAG BYTE
		1...		TVTDJRST	"X'80'" FLAG RESET IN PROCESS
3060	(BF4)	BITSTRING	1	TVTGRFLG	GENERAL ROUTINES FLAGS
				Comment	
		---------- DEFINITION OF TVTGRFLG ----------			
				End of Comment	
		1...		TVTGRJQE	"X'80'" IATGRJX JQE'S AVAILABLE
		.1..		TVTJNRET	"X'40'" IATGRJN JOB NUMBER RETURNED(AVAIL)
		..1.		TVTDPJBN	"X'20'" DUPJOBNM=YES
3061	(BF5)	BITSTRING	1	TVTFLAG2	TVT FLAG TWO
				Comment	
		---------- DEFINITION OF TVTFLAG2 ----------			
				End of Comment	
		1...		TVTSMS	"X'80'" IATINMD SMS IS INSTALLED ON THIS PROCESSOR
		.1..		TVTSMSCX	"X'40'" IATMSR2 SMS IS ACTIVE IN COMPLEX 0260

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		TVTAUTOR	"X'20'" JES3 is in auto-restart mode (i.e. it is restarting automatically)
		...1		TVTRF210	"X'10'" RESERVED FLAG
		.... 1...		TVTRF208	"X'08'" RESERVED FLAG
		.... .1..		TVTRF204	"X'04'" RESERVED FLAG
		.... ..1.		TVTRF202	"X'02'" RESERVED FLAG
		1		TVTRF201	"X'01'" RESERVED FLAG
3062	(BF6)	BITSTRING	1	TVTRS360 (6)	RESERVED FOR SERVICE
3068	(BFC)	BITSTRING	1	TVTCDECF	CI DRIVER ECF

Comment

DEFINITION OF TVTCDECF

End of Comment

		1...		TVTCNSAP	"X'80'" CONSOLE APPENDAGE POST
		.1..		TVTFSSCM	"X'40'" FSS COMMUNICATION POST (STAR)
		..1.		TVTFSSTA	"X'20'" FSS STATUS CHANGE POST
		...1		TVTSCPSC	"X'10'" SCHEDULE POSTSCAN POST
		.... 1...		TVTPRCEN	"X'08'" PROCLIB ENABLE POST
		.... .1..		TVTPRCDS	"X'04'" PROCLIB DISABLE POST

Comment

COUNTER FOR NUMBER OF OUT-MODE DJ DSP ACTIVE IN THE SYSTEM

End of Comment

3069	(BFD)	BITSTRING	1	TVTDJOCT	NUMBER OF OUT-MODE DJ DSPS
3070	(BFE)	BITSTRING	1	TVTRS370	RESERVED FOR SERVICE
3071	(BFF)	BITSTRING	1	TVTRU370	RESERVED FOR USER

Comment

MISCELLANEOUS AND UNIVERSAL CONSTANTS

End of Comment

3072	(C00)	CHARACTER	8	JOBCLS	DEFAULT JOB CLASS NAME
3080	(C08)	CHARACTER	8	JOBGRP	DEFAULT JOB GROUP NAME
3088	(C10)	CHARACTER	8	NJPNAME	SET BY IATINCH NAME OF LOCAL NJP TERMINAL
3096	(C18)	BITSTRING	4	TVTRM80	CONSTANT FOR SETTING HI-ORD BIT
3096	(C18)	X'C18'	0	TVTHOBON	"TVTRM80,4"
3100	(C1C)	CHARACTER	8	TVTFSSIN	SET BY IATINIT-FSS INITIALIZATION MODULE
3108	(C24)	CHARACTER	4	TVTSSNM	SET BY IATINIT-SUBSYSTEM NAME
3112	(C28)	SIGNED	4	TVTFSECB	FSS MAIN ECB
3116	(C2C)	CHARACTER	43	ACCTDFLT (0)	DEFAULT ACCT'G
3159	(C57)	BITSTRING	1	AIOFDPRY	LOWEST PRIORITY ON JSAM FD
3160	(C58)	BITSTRING	1	TVTRS375	RESERVED FOR SERVICE
3161	(C59)	BITSTRING	1	CONSUBPL	CONSOLE BUFFER SUBPOOL VALUE
3162	(C5A)	BITSTRING	1	TVTRD360	RESERVED FOR DEVELOPMENT
3163	(C5B)	CHARACTER	1	JOBFAIL	SET BY IATINCH STANDARDS,JOBFAIL=RESTART
3164	(C5C)	BITSTRING	1	JOBPRTY	STANDARDS,PRTY=0
3165	(C5D)	CHARACTER	4	JOBSQSIZ	STANDARDS,SQS=3K
3169	(C61)	CHARACTER	1	STEPCHK	STANDARDS,JOBSTEP=NOCHKPNT
3170	(C62)	CHARACTER	1	TDBGCLSS	STANDARDS,DBGCLASS=A
3171	(C63)	ADDRESS	1	TVTRAGNO	IATINDEV USAM record allocation count
3172	(C64)	BITSTRING	1	TVTSMFFO	SET BY IATINIC SMF FG OPTIONS THIS CPU
3173	(C65)	BITSTRING	1	TVTSMFOP	SET BY IATINIC SMF BG OPTIONS THIS CPU
3174	(C66)	CHARACTER	2	TVTTSOPM	IATINCH DEFAULT TSO PARM ID FOR CI

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3176	(C68)	CHARACTER	2	TVTSTCPM	IATINCH DEFAULT STC PARM ID FOR CI
3178	(C6A)	CHARACTER	2	TVTINTPM	IATINCH DEF INT RDR PARM ID FOR CI
3180	(C6C)	CHARACTER	2	TVTINTPR	IATINCH DEF INT RDR PROC ID FOR CI
3182	(C6E)	CHARACTER	2	TVTTSOPR	IATINCH DEFAULT TSO PROC ID FOR CI
3184	(C70)	CHARACTER	2	TVTSTCPR	IATINCH DEFAULT STC PROC ID FOR CI
3186	(C72)	BITSTRING	1	TVTJDENO	IATGRLD # OF JDE BLOCKS INITIALIZED
3187	(C73)	BITSTRING	1	TVTRS380	RESERVED FOR SERVICE
3188	(C74)	BITSTRING	4	TVTHWMSK	CONSTANT FOR HALFWORD MASK
3192	(C78)	SIGNED	4	TVTADMSK (0)	CONSTANT FOR ADDRESS MASK
3196	(C7C)	CHARACTER	16	TVTHXCHR	HEXADECIMAL CHARACTERS
3212	(C8C)	BITSTRING	12	TVTZEROX	CONSTANT ZEROS (3 FULL WORD)
3212	(C8C)	X'C8C'	0	TVTZERO	"TVTZEROX,8" CONSTANT ZEROS
3224	(C98)	SIGNED	4	TVTONE	CONSTANT FULL WORD = 1
3228	(C9C)	CHARACTER	8	TVTBLANK	CONSTANT BLANKS
3236	(CA4)	BITSTRING	8	TVTRMFF	CONSTANT 'FF'S
3236	(CA4)	X'CA8'	0	TVTRM7F	"TVTRMFF+4" CONSTANT '7F'S
3236	(CA4)	X'2'	0	TVTBTJST	"2" CSBT THRESHOLD FOR JST
3236	(CA4)	X'A'	0	TVTBTJDS	"10" CSBT THRESHOLD FOR JDS
3236	(CA4)	X'2'	0	TVTTJDSA	"2" CSBT THRESHOLD FOR APPC JDS
3244	(CAC)	ADDRESS	4	TVTCSCP	CHAINED SRF CELL POOL PTR
3248	(CB0)	ADDRESS	4	TVTALETA	"V(TVTALET)" ADDRESS OF A 64 BYTE FIELD THAT IS USED TO INITIALIZE ALL OF THE ACCESS REGISTERS WITH THE ACCESS LIST ENTRY (ALET) OF THE PRIMARY ADDRESS SPACE
3252	(CB4)	ADDRESS	4	TVTRJPCP	RJP Cell Pool Pointer
3256	(CB8)	SIGNED	4	TVTJDDLM	IATINSTD Job SYSIN DD statement lmt
3260	(CBC)	SIGNED	4	TVTRU390 (4)	RESERVED FOR USER

Comment

```
-------------------------------------------------------------
                 END OF
      MISCELLANEOUS AND UNIVERSAL CONSTANTS
-------------------------------------------------------------
```

End of Comment

3276	(CCC)	SIGNED	4	(0)	- BEGINNING OF NJE UPDATE

Comment

```
------------------------------------------------------------ 0
      THE VALUE DEFINED IN THE FOLLOWING FIELD IS ALSO 0
      USED IN IATINGN TO RESET TO THE DEFAULT VALUE. ANY 0
      CHANGE IN THE DEFAULT VALUE HERE MUST ALSO BE MADE 0
      IN IATINGN. 0
------------------------------------------------------------ 0
```

End of Comment

3276	(CCC)	CHARACTER	8	HOMENODE	- HOME (LOCAL) NODE ID
3284	(CD4)	ADDRESS	4	ANJETBL	- PTR TO NJE NODE TABLE
3288	(CD8)	SIGNED	4	TVTRD403 (2)	Reserved for Developemmt
3296	(CE0)	ADDRESS	4	ANJESRCH	"V(IATXNTS)" - ADDRESS OF NJE TABLE SEARCH
3300	(CE4)	ADDRESS	4	ANJECHKS	"V(CHECKSWB)" ADDRESS OF CHECKSWB ROUTINE
3304	(CE8)	ADDRESS	4	DSPNJESN	"V(NJESND)" - DSP DICT ENTRY FOR NJESND
3308	(CEC)	ADDRESS	4	DSPNJESF	"V(NJESF)" - DSP DICT ENTRY FOR NJESF
3312	(CF0)	SIGNED	2	TVTRD405	- RESERVED FOR DEVELOPMENT
3314	(CF2)	BITSTRING	1	TVTRD410 (2)	- RESERVED FOR DEVELOPMENT 0133
3316	(CF4)	BITSTRING	1	TVTNJEF1	NJE FLAG BYTE 1 0133

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- 0	
				DEFINITION OF NJE FLAG BYTE 1 0	
				---------- 0	
				End of Comment	
		1...		TVTNJEOK	"X'80'" NETWORK DEFINITION VALID 0133
		.1..		TVTRFN40	"X'40'" RESERVED FLAG 0133
		..1.		TVTRFN20	"X'20'" RESERVED FLAG 0133
		...1		TVTRFN10	"X'10'" RESERVED FLAG 0133
		.... 1...		TVTRFN08	"X'08'" RESERVED FLAG 0133
		.... .1..		TVTRFN04	"X'04'" RESERVED FLAG 0133
		.... ..1.		TVTRFN02	"X'02'" RESERVED FLAG 0133
		1		TVTRFN01	"X'01'" RESERVED FLAG 0133
				Comment	

				DEFINITION OF JCL LIMIT VALUES BY SYSTEM AND JOB	

				End of Comment	
3317	(CF5)	BITSTRING	1	TVTJLFLG	IATIISB JCL STATEMENT FLAG
		1...		TVTQBIT	"X'80'" JCL STATEMENT QUIESCE BIT
		.1..		TVTDDINB	"X'40'" SYSIN DD stmnt limit set
3318	(CF6)	SIGNED	2	TVTRU410	RESERVED FOR USER
3320	(CF8)	SIGNED	4	TVTADSLM	INCH,MODX ADDRESS SPACE JCL LIMIT
3324	(CFC)	SIGNED	4	TVTSYCNT	IISB,IIDR JCL STATEMENT ADDR SPACE COUNT
3328	(D00)	SIGNED	4	TVTJOBLM	INCH,MODX JOB JCL STATEMENT LIMIT
				Comment	

				FSS NAME AND ASID FOR IATXIWT, WTO, ETC..	

				End of Comment	
3332	(D04)	ADDRESS	1	TVTFSMSL	LENGTH OF FSS MESSAGE
3332	(D04)	X'D05'	0	TVTFSMSS	"*" START OF FSS MESSAGE
3333	(D05)	CHARACTER	4		
3337	(D09)	CHARACTER	8	TVTFSSNM	SET BY INIT FSS NAME, FROM START COMMAND
3345	(D11)	CHARACTER	7		
3352	(D18)	CHARACTER	4	TVTEASID	SET BY INIT ASID, FROM START COMMAND
3352	(D18)	X'D1C'	0	TVTFSMSE	"*" END OF FSS MESSAGE
3333	(D05)	CHARACTER	23	TVTFSMSG	POINTER TO ENTIRE MESSAGE
3356	(D1C)	BITSTRING	12	TVTSNFDB	SNANJE CKPT ROOT FDB
3368	(D28)	ADDRESS	4	TVTBDCDA	ADDRESS OF IATBDCD DATA CSECT
3372	(D2C)	ADDRESS	4	TVTBCOMM	"V(BDTCOMM)" ADDRESS OF BDTCOMM FCT ENTRY
3376	(D30)	SIGNED	4	TVTRD420	RESERVED FOR DEVELOPMENT
3380	(D34)	SIGNED	4	TVTRS420 (12)	RESERVED FOR SERVICE
				Comment	
				BULK DATA TRANSFER (BDT) DATA AREA AND SNA NJE DATA AREA	
				End of Comment	
3428	(D64)	ADDRESS	4	TVTRU430 (10)	RESERVED FOR USER
3468	(D8C)	SIGNED	2	TVTRD425	RESERVED FOR DEVELOPMENT

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment

					DEFINITION OF TVTBFLG1

					End of Comment
3470	(D8E)	BITSTRING	1	TVTBFLG1	SNA NJE FLAG 1
		1...		TVTBNFG	"X'80'" BDT NOW FUNCTIONING GOOD (BDT UP AND OPERATIONAL)
3471	(D8F)	BITSTRING	1	TVTRD430	RESERVED FOR DEVELOPMENT
3472	(D90)	ADDRESS	4	TVTBDUMY	BDT DUMMY CONSOLE ENTRY ADDR
3476	(D94)	ADDRESS	4	TVTBSCT	BDT SUBSYSTEM COMM TABLES
3480	(D98)	ADDRESS	4	TVTBREC	"V(RECDSP)" IATOSBM OUTPUT SERVICE/SNA NJE RECOVERY DSP
3484	(D9C)	CHARACTER	8	TVTSYSID	BDT DEFAULT SYSID
					Comment

					DEFINITION OF TVTBECF

					End of Comment
3492	(DA4)	BITSTRING	1	TVTBECF	BDT SUBSYSTEM ECF
		1111		TVTBMSK	"X'F0'" ECF MASK FOR AWAIT
		1...		TVTBCMD	"X'80'" BDT COMMAND BUFFERED
		.1..		TVTBCMDQ	"X'40'" BDT COMMAND QUEUED
		..1.		TVTBRSV1	"X'20'" Reserved flag
		...1		TVTBJCRQ	"X'10'" JES3 COMMAND RESPONSE QUEUED
					Comment

					DEFINITION OF TVTBECFN

					End of Comment
3493	(DA5)	BITSTRING	1	TVTBECFN	SNA NJE ECF
		111. .1..		TVTBNMSK	"X'E4'" ECF MASK FOR AWAIT
		1...		TVTBNJET	"X'80'" SNA NJE TRANSACTION QUEUED
		.1..		TVTBONMR	"X'40'" SNA NJE OUTBOUND NMR QUEUED
		..1.		TVTBRECC	"X'20'" IATOSDR RECOVERY COMPLETE
		...1		TVTRD460	"X'10'" Reserved Flag
		.... 1...		TVTRD465	"X'08'" Reserved Flag
		.... .1..		TVTBEND	"X'04'" BDT EOJ (POSTED BY MSMS)
					Comment

					DEFINITION OF TVTBECFS -- This Byte is used as an ECF for the DESTINATION Q's for function codes 62 and 63 (the "BDT Subsystem Q" and the "BDT Staging Area Shuttle Q"). The manipulation of the DEST Q (Adding and Deleting of Staging Areas) and the Posting of the related ECB are done outside of and within the JES3 Address space. Therefore, ANY bit used in the following Byte MUST be serialized on (ie. Use OIL, NIL, or equivalent Compare-and-Swap logic).

					End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3494	(DA6)	BITSTRING	1	TVTBECFS	SNA NJE ECF (Serialized)
		11..		TVTBSMSK	"X'C0'" SNA NJE ECF Mask
		1...		TVTBSSA	"X'80'" BDT Shuttle Staging Area
		.1..		TVTBSSIR	"X'40'" Subsystem Interface Request
		..11 1111		TVTRD480	"X'3F'" Reserved Bits
3495	(DA7)	BITSTRING	1	TVTRS480	Reserved for Service
3496	(DA8)	SIGNED	4	(3)	
3508	(DB4)	BITSTRING	1	(3)	MUST BE ZEROS
3511	(DB7)	BITSTRING	1		MASK BITS USED IN SNA NJE ECF
3512	(DB8)	DBL WORD	8	TVTEND (0)	END OF TABLE

Comment

```
-----------------------------------------------------------
          RESOURCE EQUATES
-----------------------------------------------------------
        JES3 Resource Table
   $RW=WLMBATCH HJS6608 980813 PD0DR: OS2.8.0
-----------------------------------------------------------
          RESOURCE NAMES
-----------------------------------------------------------
      NOTE: RESOURCE NAMES INDEXED BY PRIORITY,
      MUST BE SPECIFIED SEQUENTIALLY TO INSURE CORRECT
      OPERATION OF THE AENQ, ADEQ, ATEST ROUTINES.
-----------------------------------------------------------
, IATYRSC NAMES=(RQ,
, DLQ,
, JNCBCTL,
, SYSUNIT,
, CHKPNT,
, WTD,
, FCT,
, PRO,
, SNARMVCB,
, ICT,
, LCLJNEWS,
, RJPJNEWS,
, TSOJNEWS,
, FSSCKPT,
, GMSCKPT,
, JQEPTY0,
, JQEPTY1,
, JQEPTY2,
, JQEPTY3,
, JQEPTY4,
, JQEPTY5,
, JQEPTY6,
, JQEPTY7,
, JQEPTY8,
, JQEPTY9,
, JQEPTY10,
, JQEPTY11,
, JQEPTY12,
, JQEPTY13,
, JQEPTY14,
, JQEPTY15)
```

End of Comment

3512	(DB8)	X'0'	0	RQ	"0"
3512	(DB8)	X'1'	0	DLQ	"1"
3512	(DB8)	X'2'	0	JNCBCTL	"2"
3512	(DB8)	X'3'	0	SYSUNIT	"3"
3512	(DB8)	X'4'	0	CHKPNT	"4"
3512	(DB8)	X'5'	0	WTD	"5"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3512	(DB8)	X'6'	0	FCT	"6"
3512	(DB8)	X'7'	0	PRO	"7"
3512	(DB8)	X'8'	0	SNARMVCB	"8"
3512	(DB8)	X'9'	0	ICT	"9"
3512	(DB8)	X'A'	0	LCLJNEWS	"10"
3512	(DB8)	X'B'	0	RJPJNEWS	"11"
3512	(DB8)	X'C'	0	TSOJNEWS	"12"
3512	(DB8)	X'D'	0	FSSCKPT	"13"
3512	(DB8)	X'E'	0	GMSCKPT	"14"
3512	(DB8)	X'F'	0	JQEPTY0	"15"
3512	(DB8)	X'10'	0	JQEPTY1	"16"
3512	(DB8)	X'11'	0	JQEPTY2	"17"
3512	(DB8)	X'12'	0	JQEPTY3	"18"
3512	(DB8)	X'13'	0	JQEPTY4	"19"
3512	(DB8)	X'14'	0	JQEPTY5	"20"
3512	(DB8)	X'15'	0	JQEPTY6	"21"
3512	(DB8)	X'16'	0	JQEPTY7	"22"
3512	(DB8)	X'17'	0	JQEPTY8	"23"
3512	(DB8)	X'18'	0	JQEPTY9	"24"
3512	(DB8)	X'19'	0	JQEPTY10	"25"
3512	(DB8)	X'1A'	0	JQEPTY11	"26"
3512	(DB8)	X'1B'	0	JQEPTY12	"27"
3512	(DB8)	X'1C'	0	JQEPTY13	"28"
3512	(DB8)	X'1D'	0	JQEPTY14	"29"
3512	(DB8)	X'1E'	0	JQEPTY15	"30"
3512	(DB8)	X'1F'	0	ARNAMES	"31" NUMBER OF RESOURCES

Comment

```
------------------------------------------------------------
      RESOURCE MANAGEMENT FUNCTION VALUES
------------------------------------------------------------
```

End of Comment

3512	(DB8)	X'0'	0	RSCNOWAT	"0" NO WAIT
3512	(DB8)	X'4'	0	RSCWAIT	"4" BUSY=WAIT
3512	(DB8)	X'8'	0	RSCNOFCT	"8" NO FCT
3512	(DB8)	X'C'	0	RSCFCT	"12" FCT
3512	(DB8)	X'10'	0	RSCTTEST	"16" TYPE=TEST
3512	(DB8)	X'14'	0	RSCTFCT	"20" TYPE=FCT
3512	(DB8)	X'18'	0	RSCTWAIT	"24" TYPE=TEST, BUSY=WAIT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYTVTX	IATYTVTX.27: Fixed TVT extension

Comment

```
            JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
  $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

End of Comment

0	(0)	CHARACTER	8	TVTFID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	20	TVTF_EYE_CATCHER	0108 0108
56	(38)	SIGNED	4	TVTFVERS	IATYTVTX.242: Current version of the control block

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
60	(3C)	ADDRESS	4	TVTTVTF	IATYTVTX.248: Pointer to the primary extension of the TVT
64	(40)	ADDRESS	4	TVTFCTVT	IATYTVTX.254: Pointer to the checkpointable extension of the TVT
68	(44)	SIGNED	4	TVTFLEN	IATYTVTX.260: Dynamic length of the TVT fixed extension
72	(48)	CHARACTER	94	DUMYCNDB	IATYTVTX.269: The CNDB for the DUMMY console
166	(A6)	SIGNED	2		IATYTVTX.97: Reserved for Developement
168	(A8)	ADDRESS	4	TVTXM702	IATYTVTX.275: Address of MVS WPL to WPX conversion routine (IEAVM702) - set by IATINIT
172	(AC)	ADDRESS	4	TVTXM703	IATYTVTX.281: Address of multi-line WTO text extraction routine (IEAVM703) - set by IATINIT
176	(B0)	ADDRESS	4	TVTXSST	IATYTVTX.287: Security Subtask comunication table, address is resolved by IATGRSS
180	(B4)	SIGNED	4	TVTXSSEV	IATYTVTX.293: Security Subtask initialization complete ECB
184	(B8)	ADDRESS	4	TVTXSSTB	IATYTVTX.299: Security Subtask TCB address
188	(BC)	ADDRESS	4	TVTXGSG	"V(GSGSTART)" IATYTVTX.305: Address of Generalized Subtask Global Data Area (GSG) - within module IATGRGS
192	(C0)	SIGNED	4	TVTXJXGT	IATYTVTX.19: JESXCF Group Token
196	(C4)	SIGNED	4	TVTXITRC	Pointer to the Internal Trace Table 0027 header 0027

Comment

AHED fields are defined as zeroed constants to ensure
the storage for these fields is initially set to zeroes.

End of Comment

200	(C8)	DBL WORD	8	TVTXAHED (0)	IATYTVTX.311: Stack head for automatic area stack
200	(C8)	SIGNED	4	AHED_SEQUENCE	IATYAHED.93: CDS Sequence number
204	(CC)	ADDRESS	4	AHED_ANCHOR	IATYAHED.99: Pointer to head of stack
208	(D0)	ADDRESS	4	AHED_TOTAL	IATYAHED.108: The total number of buffers allocated
212	(D4)	ADDRESS	4	AHED_FREE	IATYAHED.114: Number of free buffers
216	(D8)	ADDRESS	4	TVTXCS03	"V(IATCS03)" Pointer to the callable service that returns the type of console
220	(DC)	ADDRESS	4	TVTXCS06	"V(IATCS06)" Pointer to the callable service that converts destination class to route code mask
224	(E0)	ADDRESS	4	TVTXCS07	"V(IATCS07)" Pointer to the callable service that converts route code to route code mask
228	(E4)	ADDRESS	4	TVTXCS08	"V(IATCS08)" Pointer to the callable service that converts destination class to a route value
232	(E8)	ADDRESS	4	TVTXCS09	"V(IATCS09)" Pointer to the callable service that converts destination class (Mask displacement) to a route code mask
236	(EC)	ADDRESS	4	TVTXCS10	"V(IATCS10)" Pointer to the callable service that converts route code mask to a route code string
240	(F0)	ADDRESS	4	TVTXCS11	"V(IATCS11)" Pointer to the callable service that converts route code mask to a destination class string
244	(F4)	ADDRESS	4	TVTXCS12	"V(IATCS12)" Pointer to the callable service that selects a route code from a route code mask and converts it to a dest class
248	(F8)	ADDRESS	4	TVTXRJPC	"V(RJPCALRT)" Pointer to the RJP ALERTECB SRB routine which JESXCF schedules when an workstation has crossed the message threshold
252	(FC)	ADDRESS	4	TVTXWLM	WLM Data Area address
256	(100)	ADDRESS	4	TVTXWCLF	"V(WLMCLSFY)" Address of the IATXWCLF service routine in IATWLCLF
260	(104)	ADDRESS	4	TVTXWSRV	"V(WLMSERV)" Address of the IATXWLM service routine in IATWLSRV
264	(108)	ADDRESS	4	TVTXSCSV	"V(SRVCSERV)" Address of the IATXSRVC service routine in IATWLSCS
268	(10C)	ADDRESS	4	TVTXDELY	"V(JOBDELAY)" Address of the IATXDELY service routine in IATGRDLY
272	(110)	ADDRESS	4	TVTXGENF	"V(GENFSERV)" Address of the IATXGENF service routine in IATGRGPF

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
276	(114)	ADDRESS	4	TVTXGPDS	"V(GENERALP)" Address of the General Purpose DSP dictionary entry
280	(118)	ADDRESS	4	TVTXWSEL	"V(WLMSLECT)" Address of WLM Job Select routine in IATMSWLS
284	(11C)	ADDRESS	4	TVTXWDSL	"V(WLMDESEL)" Address of WLM Deselect routine in IATMSWLD
288	(120)	ADDRESS	4	TVTXJSPC	"V(DMTKJSPC)" Address of Job Spool Partition Check routine in IATDMTK
292	(124)	ADDRESS	4	TVTX_CLSHADIN	"V(MSCCCLSI)" Address of Class Limit Shadow initialization routine in IATMSCC
296	(128)	ADDRESS	4	TVTX_CLSHADRE	"V(MSCCCLSR)" Address of Class Limit Shadow re-initialization routine in IATMSCC
300	(12C)	ADDRESS	4	TVTX_CLSHADUP	"V(MSCCCLUP)" Address of Class Limit Shadow update routine in IATMSCC
304	(130)	ADDRESS	4	TVTX_CLSDLYUP	"V(MSCCDLYU)" Address of Class Limit delay update routine in IATMSCC
308	(134)	ADDRESS	4	TVTX_CLSMODUP	"V(MSCCMODU)" Address of Class Constraint modify update routine in IATMSCC
312	(138)	ADDRESS	4	TVTXSSCR	"V(SCHEDCR)" Address of the IATXSSCR service routine in IATMSSCR
316	(13C)	ADDRESS	4	TVTX_LCLCMSLK	"V(LCLCMSLK)" Address of local/CMS lock service routine in IATGRG1
320	(140)	ADDRESS	4	TVTXATR	ATR chain address
320	(140)	X'1'	0	TVTF313	"1" IATYTVTX.143: Equate for HJS3313
320	(140)	X'2'	0	TVTF511	"2" IATYTVTX.152: Equate for HJS5511
324	(144)	ADDRESS	4	TVTX_MPUNITS (0)	Copies of MPUNITS
452	(1C4)	ADDRESS	4	TVTX_MPSETTRE (0)	Copies of MPSETTRE
452	(1C4)	X'244'	0	IATYTVTX_LEN	"*-IATYTVTX"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYTVTC	IATYTVTC.176: TVT Checkpointed extension

Comment

```
          JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
  $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

End of Comment

0	(0)	CHARACTER	8	TVTCID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	28	TVTCEYE	0108 0108
64	(40)	SIGNED	4	TVTCVERS	IATYTVTC.27: Current version of the control block
68	(44)	ADDRESS	4	TVTTVTC	IATYTVTC.37: Pointer to the primary extension of the TVT
72	(48)	ADDRESS	4	TVTCFTVT	IATYTVTC.34: Pointer to the fixed extension of the TVT
76	(4C)	SIGNED	4	TVTCLEN	IATYTVTC.131: Dynamic length of the TVT fixed extension

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description

Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
     Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT Name: IATYCNDB
      --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
     contains information related to the destination that
     messages should be sent to. This control block is built
     as commands are entered into to the system and is used by
     command processors as a destination for where to return
     messages to. The control block is imbeded in other
     control blocks and the size of the data area must not
     change (otherwise a JES3 cold start is required). The
     data is referenced by non-source maintained modules, so
     offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbeded within other control blocks
02 Serialization: none
01 EXTERNAL CLASSIFICATION: DMTI
01 END OF EXTERNAL CLASSIFICATION:
01 Distribution Library: AJES3MAC
01 Method Of access:
02 ASM: IATYCNDB
02 PLX: %INCLUDE SYSLIB(IATYCNDB)
01 CHANGE ACTIVITY:
```

```
     $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
     $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
 %
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
80	(50)	SIGNED	4	TVTCNJEM (0)	IATYCNDB.27: based variable for storage mapping
80	(50)	SIGNED	4		Four byte console id 0176
84	(54)	CHARACTER	4		IATYCNDB eyecatcher
88	(58)	ADDRESS	4		IATYCNDB version
92	(5C)	BITSTRING	8		Reserved for development
100	(64)	BITSTRING	8		Console Name 0176
108	(6C)	BITSTRING	24		Reserved for development
132	(84)	SIGNED	2		Reserved for development
134	(86)	BITSTRING	40		Reserved for development class

Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
     Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT Name: IATYCNDB
      --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
     contains information related to the destination that
     messages should be sent to. This control block is built
     as commands are entered into to the system and is used by
     command processors as a destination for where to return
     messages to. The control block is imbeded in other
     control blocks and the size of the data area must not
     change (otherwise a JES3 cold start is required). The
     data is referenced by non-source maintained modules, so
     offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
```

```
  02 Virtual Storage: 94
  02 Auxiliary Storage: 94
  02 Subpool: n/a
  02 Key: 1
  02 Data Space: N/A
  02 Residency: any
  02 Frequency: n/a
  02 Size: 94
  02 Created by: n/a
  02 Deleted by: n/a
  02 Pointed to by: Imbeded within other control blocks
  02 Serialization: none
  01 EXTERNAL CLASSIFICATION: DMTI
  01 END OF EXTERNAL CLASSIFICATION:
  01 Distribution Library: AJES3MAC
  01 Method Of access:
  02 ASM: IATYCNDB
  02 PLX: %INCLUDE SYSLIB(IATYCNDB)
  01 CHANGE ACTIVITY:
     $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
     $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
176	(B0)	SIGNED	4	TVTCBDTM (0)	IATYCNDB.27: based variable for storage mapping
176	(B0)	SIGNED	4		Four byte console id 0176
180	(B4)	CHARACTER	4		IATYCNDB eyecatcher
184	(B8)	ADDRESS	4		IATYCNDB version
188	(BC)	BITSTRING	8		Reserved for development
196	(C4)	BITSTRING	8		Console Name 0176
204	(CC)	BITSTRING	24		Reserved for development
228	(E4)	SIGNED	2		Reserved for development
230	(E6)	BITSTRING	40		Reserved for development class
270	(10E)	CHARACTER	256	TVTCRD01	IATYTVTC.158: Reserved for Develop.
526	(20E)	CHARACTER	256	TVTCRD02	IATYTVTC.189: Reserved for Develop.
782	(30E)	CHARACTER	256	TVTCRD03	IATYTVTC.212: Reserved for Develop.
1038	(40E)	CHARACTER	256	TVTCRD04	IATYTVTC.147: Reserved for Develop.
1294	(50E)	CHARACTER	256	TVTCRS01	IATYTVTC.167: Reserved for Service.
1550	(60E)	CHARACTER	256	TVTCRS02	IATYTVTC.1: Reserved for Service.
1806	(70E)	CHARACTER	256	TVTCRS03	IATYTVTC.215: Reserved for Service.
2062	(80E)	CHARACTER	256	TVTCRS04	IATYTVTC.173: Reserved for Service.
2062	(80E)	X'1'	0	TVTC313	"1" IATYTVTC.203: Equate for HJS3313
2318	(90E)	X'90E'	0	IATYTVTC_LEN	"*-IATYTVTC"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MPCSTART	
0	(0)	SIGNED	4	MPNEXT	PTR TO NEXT MAINPROC TABLE

Comment

```
  IATYCTC
      MAIN PROCESSOR CONTROL TABLE - CTC SECTION
  CHANGE ACTIVITY =
 $P0=J3XCF HJS5511 931020 PD0CC: SP5.1.1
```

End of Comment

0	(0)	SIGNED	4	CTCSTART (0)	
0	(0)	SIGNED	4	CTCNEXT	PTR TO NEXT CONTROL BLOCK
4	(4)	CHARACTER	4	CTCID	CTC CNTL BLOCK ID

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
8	(8)	ADDRESS	4	CTCMSWA	Address of IATMSDR work area
12	(C)	ADDRESS	4	CTCIXIF	JESXCF Information on this main

Comment

The following fields are used to map the JES portion of the
JESXCF user state field:

End of Comment

12	(C)	X'4'	0	CTCJUFL1	"4" Offset to JES User state flag byte 1

Comment

Definition of CTCJUFL1:

End of Comment

		1...		ACTMNRCN	"X'80'" All active mains have reconnected to the Global
		.1..		SYSAT522	"X'40'" System is at MVS SP522 or higher

Comment

Definition of CTCFLG1:

End of Comment

16	(10)	BITSTRING	1	CTCFLG1	Flag Byte 1
		1...		CTCDSCRQ	"X'80'" Local Main disconnect has been requested (during DSI)
		.1..		CTCOGLBL	"X'40'" This MPC represents the Old Global
		..1.		CTCMCINT	"X'20'" IATMSDR has completed init for this main
17	(11)	BITSTRING	1	CTCFLG2	Reserved flag byte
18	(12)	BITSTRING	1	CTCFLG3	CTCFLG3 *MUST BE OILED*
		..1.		CTCRECN	"X'20'" Only connect-related JESXCF messages are being transported - this JES3 main is in the process of connecting to the global
19	(13)	BITSTRING	1	CTCFLG4	Reserved flag byte
20	(14)	SIGNED	4	CTCSSVT	Pointer to JES3 SSVT
24	(18)	SIGNED	2	CTCASID	JES3ASID
26	(1A)	SIGNED	2	CTCRSVDH	Reserved for Development
28	(1C)	SIGNED	4	CTCRSVD (2)	Reserved for Development
36	(24)	SIGNED	4	CTCRSVS1	Reserved for Service
40	(28)	SIGNED	4	CTCRSVS2	Reserved for Service
44	(2C)	SIGNED	4	CTCRSVU (2)	Reserved for User
52	(34)	SIGNED	4	MPCID (0)	MPC IDENTIFIER

Comment

```
IATYMPE INIT=&INIT
     MAINPROC CARD SECTION
 CHANGE ACTIVITY =
$SH= REFMPC HJS7707 010712 PD0RF: z 1.4.0
```

End of Comment

56	(38)	SIGNED	4	MPSTART (0)	
56	(38)	CHARACTER	8	MPNAME	- MAIN PROCESSOR NAME
64	(40)	CHARACTER	8	MPSELECT	- JOB SELECTION MODE NAME 4

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	

				MPERSVD3, MPERSVD4, MPERSVD5, MMDRSV1, MMDRSV2, and MMDRSV3 contain residual values built during warm and cold starts of earlier JES3 releases. Do not use these fields until all releases below HJS7707 are out of service.	

				End of Comment	
72	(48)	CHARACTER	6	MPERSVD4	Reserved for IBM 2
78	(4E)	SIGNED	2	MPPGIO	- CSA PAGES FOR SPOOL BUFFERS
80	(50)	SIGNED	2	MPUSRPG	USER PAGES AS I/O BUFFERS 0418 AT INITIALIZATION 1
82	(52)	CHARACTER	5	MPERSVD5	Reserved for IBM 2
87	(57)	BITSTRING	1	MPSYSID	- SYSID OF MAIN
88	(58)	CHARACTER	2	MPSMFID	- SMF MACHINE ID
90	(5A)	ADDRESS	1	MPSYSTEM	Main processor mode
				Comment	

				DEFINITION OF BITS IN MPSYSTEM	

				End of Comment	
		1...		MPSYSR80	"X'80'" Reserved for IBM
		.1..		MPACTIVE	"X'40'" - THIS IS THE ACTIVE SYSTEM
		..1.		MPSYSR20	"X'20'" Reserved for IBM
		...1		MPGLBL	"X'10'" - THIS IS THE GLOBAL SYSTEM
		.... 1...		MPLCL	"X'08'" - THIS IS A LOCAL SYSTEM
		.... .1..		MPSYSR04	"X'04'" Reserved for IBM
		.... ..1.		MPSYSR02	"X'02'" Reserved for IBM
		1		MPSYSR01	"X'01'" Reserved for IBM
91	(5B)	BITSTRING	17	MPERSVD3	Reserved for IBM 1
108	(6C)	SIGNED	4	MPERSVD2 (2)	RESERVED FOR DEVELOPMENT 2
116	(74)	SIGNED	4	MPJSCAN	NO. OF SELECT SCANS
116	(74)	X'40'	0	MPELEN1	"*-MPSTART" Size of MPE up to executable instructions
128	(80)	SIGNED	2	MPE2NDST (0)	START OF SECOND MPE SECTION 7
128	(80)	ADDRESS	4	MPSTUNXR	SETUNITS XREF TABLE
132	(84)	CHARACTER	8	MPSPNM	SPOOL PARTITION NAME
140	(8C)	SIGNED	2	MPSPNDX	SPOOL PARTITION INDEX
142	(8E)	ADDRESS	1	MPSTRKG1	PRIMARY TRKGRP ALLOCATION
143	(8F)	ADDRESS	1	MPSTRKG2	SECONDARY TRKGRP ALLOCATION
144	(90)	BITSTRING	1	MPSPSTAT	- MPSPSTAT SPOOL STATUS FLAG
		1...		MPSPIPL	"X'80'" SPOOL REQUIRES PROCESSOR IPL
145	(91)	BITSTRING	1	MPINFLG	- MPINFLG MPC INIT FLAG 2
146	(92)	SIGNED	2	MPAUXIO	NUMBER OF PBUF PGES IN JES3AUX
148	(94)	SIGNED	2	MPFIXIO	NUMBER OF PBUF PGES FIXED
150	(96)	SIGNED	2	MPERSVD1	RESERVED FOR DEVELOPMENT 2
152	(98)	BITSTRING	1	MPERSVS1	Reserved for Service
153	(99)	BITSTRING	1	MPCWTOCH	WTO limit change indicator
154	(9A)	SIGNED	2	MPCWTOIV	Time period for WTO limit
156	(9C)	SIGNED	4	MPCWTOLM	WTO limit for an address space (0 = No limit)
160	(A0)	SIGNED	2	MPERSVDS (2)	RESERVED FOR SERVICE
164	(A4)	SIGNED	2	MPCWTSIV	Specified WTO interval before TOD conversion
166	(A6)	SIGNED	2	MPERSVD6	Reserved for IBM
168	(A8)	SIGNED	4	MPERSVDD (18)	Reserved FOR IBM 2
240	(F0)	BITSTRING	1	MPEND (0)	- END OF MAINPROC CARD SECTION
240	(F0)	X'70'	0	MPELEN2	"*-MPE2NDST" Size of MPE after executable instructions
240	(F0)	BITSTRING	1	MPSIZE (0)	-SIZE OF MAINPROC CARD SECTION 15

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		IATYMPS INIT=&INIT MAIN PROCESSOR SELECT $SH= REFMPC HJS7707 010807 PD0RF: z1.4.0 SELECT CARD SECTION			
				End of Comment	
240	(F0)	SIGNED	2	MSSTART (0)	
240	(F0)	SIGNED	2	MPMAXI	INITIATOR HIGH WATER MARK
242	(F2)	ADDRESS	1	MPSDEPTH	MAX JOBS IN SETUP
243	(F3)	ADDRESS	1	MPSBAR	SETUP PRIORITY BARRIER
244	(F4)	ADDRESS	1	MPMAGER	JOB AGING RATE ON MAIN
245	(F5)	ADDRESS	1	MPSAGER	JOB AGING RATE IN SETUP
246	(F6)	ADDRESS	1	MPMAGEL	JOB AGING LIMIT ON MAIN
247	(F7)	ADDRESS	1	MPSAGEL	JOB AGING LIMIT IN SETUP
248	(F8)	ADDRESS	1	MPSINCR	SETUP PRIORITY INCREMENT
249	(F9)	ADDRESS	1	MPSINCL	SETUP PRIORITY INCREMENT LIMIT
250	(FA)	ADDRESS	1	MPDPRTY	JES DISPATCHING PRIORITY
251	(FB)	BITSTRING	1	MPDSPLAY	MPDSPLAY MESSAGE DISPLAY OPTION
		1...		MPDISALL	"X'80'" DISPLAY ALL CONSOLE DIALOG
		.1..		MPDISIPL	"X'40'" DISPLAY ONLY IPL CONSOLE DIALOG
		..1.		MPDISIZE	"X'20'" DISPLAY REGION SIZE MESSAGES
		...1		MPDISMLG	"X'10'" DISPLAY ALL MESSAGES ONLY ON MLOG
252	(FC)	ADDRESS	1	MPCHLST	CHOICE LIST
		1...		MPBSTJOB	"X'80'" SCHEDULE THE BEST JOB (MIX AND FIT)
		.1..		MPBSTMIX	"X'40'" SCHEDULE THE JOB WITH THE BEST MIX
		..1.		MPBSTFIT	"X'20'" SCHEDULE THE JOB WITH THE BEST FIT
		.... 1...		MPFSTJOB	"X'08'" SCHEDULE THE FIRST JOB FOR THIS MAIN
		.... .1..		MPFSTMIX	"X'04'" SCHEDULE THE FIRST JOB THAT MIXES
		.... ..1.		MPFSTFIT	"X'02'" SCHEDULE THE FIRST JOB THAT FITS
253	(FD)	BITSTRING	1	MPSRSVD	Reserved for development
254	(FE)	SIGNED	2	MPLSTOR	DEFAULT LOGICAL STORAGE
256	(100)	SIGNED	2	MPSDEST	SAVE CONSOLE DEST
256	(100)	X'102'	0	MPJOBMIX	"*" TABLE OF IORATE MIXES BY DEPTH
258	(102)	ADDRESS	1	(3)	MIX FOR 1 JOB(LOW,HIGH,MED I/O)
261	(105)	ADDRESS	1	(3)	MIX FOR 2 JOBS
264	(108)	ADDRESS	1	(3)	MIX FOR 3 JOBS
267	(10B)	ADDRESS	1	(3)	MIX FOR 4 JOBS
270	(10E)	ADDRESS	1	(3)	MIX FOR 5 JOBS
273	(111)	ADDRESS	1	(3)	MIX FOR 6 JOBS
276	(114)	ADDRESS	1	(3)	MIX FOR 7 JOBS
279	(117)	ADDRESS	1	(3)	MIX FOR 8 JOBS
282	(11A)	ADDRESS	1	(3)	MIX FOR 9 JOBS
285	(11D)	ADDRESS	1	(3)	MIX FOR 10 JOBS
288	(120)	ADDRESS	1	(3)	MIX FOR 11 JOBS
291	(123)	ADDRESS	1	(3)	MIX FOR 12 JOBS
294	(126)	ADDRESS	1	(3)	MIX FOR 13 JOBS
297	(129)	ADDRESS	1	(3)	MIX FOR 14 JOBS
300	(12C)	ADDRESS	1	(3)	MIX FOR 15 JOBS
303	(12F)	BITSTRING	1	MPSRSVD1	Reserved for development
304	(130)	SIGNED	2	MSEND (0)	END OF SELECT CARD SECTION
304	(130)	BITSTRING	1	MSSIZE (0)	SIZE OF SELECT CARD SECTION

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					GMS SECTION OF MAIN PROC TABLE IATYMPER MAIN PROCESSOR ERROR RECOVERY FIELDS CHANGE ACTIVITY = $QA= SYSOPER HJS5521 950217 PD1MG: SP 5.2.1 GMS ERROR RECOVERY FIELDS
					End of Comment
304	(130)	SIGNED	4	MPERSTA	- ADDR OF ACTIVE STAGING AREA
308	(134)	BITSTRING	1	MPERRFL1	- GMS ERROR FLAG 1
309	(135)	BITSTRING	1	MPERRFL2	GMS ERROR INDEX
310	(136)	BITSTRING	1	MPERRFL3	- GMS ERROR FLAG 3
311	(137)	BITSTRING	1	MPERRFL4	- GMS ERROR FLAG 4
312	(138)	BITSTRING	1	MPERRFL5	- GMS ERROR FLAG 5 0082
313	(139)	BITSTRING	3	MPERRRFD	- RESERVED FOR DEVELOPMENT 0082
					Comment
					---------- DEFINITION OF MPERRFL1 ----------
					End of Comment
		1...		MSERRAC	"X'80'" - ERROR RECOVERY ACTIVE
		.1..		MSERRFA	"X'40'" FAILDSP RECOVERY ACTIVE
					Comment
					---------- DEFINITION OF MPERRFL3 ---------- ACTIVE MAIN POST AT TIME OF FAILURE ---------- DEFINITION OF MPERRFL4 ---------- ACTIVE JSQ POST AT TIME OF FAILURE ---------- 0 DEFINITION OF MPERRFL5 0 FOOTPRINT FLAG THROUGH GMS PROCESS IN IATMSMS 0 ---------- 0
					End of Comment
		1...		MSGMSUGS	"X'80'" - UPDATED GMS STATUS 0082
		.1..		MSGMSJMR	"X'40'" - JMR READ 0082
		..1.		MSGMSJDB	"X'20'" - JDAB READ 0082
		...1		MSGMSSEL	"X'10'" - GMS JOB SELECT PROCESSING 0164
					Comment
					---------- QUEUES AND TABLE POINTERS ----------
					End of Comment
316	(13C)	SIGNED	4	MPRQONMN	RQONMN CHAIN VS2-2
320	(140)	SIGNED	4	MPCSECT	MAIN CSECT PTR OR MAIN STAT
324	(144)	ADDRESS	4	MPCMDWEV	MDS FCT WLM Event (WEV) Queue
328	(148)	ADDRESS	4	MPCGMWEV	GMS FCT WLM Event (WEV) Queue
332	(14C)	ADDRESS	4	MPCWLWEV	WLM FCT WLM Event (WEV) Queue
336	(150)	SIGNED	4	MPCRSVD1	Reserved for development
340	(154)	SIGNED	4	MPSTAGE	ACTIVE STAGING AREA QUEUE HEAD POINTER

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
344	(158)	SIGNED	4	MPSTATL	ACTIVE STAGING AREA QUEUE TAIL POINTER
348	(15C)	SIGNED	4	MPMEMD	MEMDATA QUEUE
352	(160)	SIGNED	4	MPUNITS	POINTER TO SETUP TABLE
356	(164)	SIGNED	4	MPRSTRCD	ADR OF CONNECT RCD FOR GMS
360	(168)	SIGNED	4	MPMSMC	ADDR GMS UPDATE/CONNECT MOD
364	(16C)	SIGNED	4	MPMSJT	ADDR GMS JOB TERMINATION MOD 442

Comment

```
-------------------------------------------------------------
        GMS WORK AREAS
-------------------------------------------------------------
```

End of Comment

368	(170)	BITSTRING	24	MPCRSVDE	Reserved for development
392	(188)	SIGNED	2	MPNUNITS	NUMBER OF SETUNIT DEVICES
394	(18A)	SIGNED	2	MPMRESRV	RESERVED FOR DEVELOPMENT
396	(18C)	SIGNED	4	MPCHRDAT	Hot start with refresh date
400	(190)	SIGNED	4	MPCHRTIM	Hot start with refresh time
404	(194)	SIGNED	4	MPCCFDAT	*MODIFY,CONFIG date
408	(198)	SIGNED	4	MPCCFTIM	*MODIFY,CONFIG time
412	(19C)	ADDRESS	2	MPCLEVEL (0)	Product and service level combined
412	(19C)	ADDRESS	1	MPCPLEVL	Product level of this main
413	(19D)	ADDRESS	1	MPCSLEVL	Service level of this main
414	(19E)	BITSTRING	46	MPCRSVD2	Reserved for development
460	(1CC)	SIGNED	4	MPMNFCT	POINTER TO MAIN MODULE FCT
464	(1D0)	SIGNED	4	MPEXRESC	PTR/EXECUTION RESOURCE TABLE
468	(1D4)	SIGNED	4	MPBRESC	FIRST BATCH RESOURCE GROUP
472	(1D8)	SIGNED	4	MPGPTRS (2)	GROUP SCAN POINTERS
480	(1E0)	SIGNED	4	MPCRSVD3 (5)	Reserved for development 4
500	(1F4)	SIGNED	4	MPSYMT	PTR TO THE SYMBOL TABLE
504	(1F8)	DBL WORD	8	GMSWORK	GMS WORK AREA
512	(200)	SIGNED	4	MPCWORK1	GMS Work Area
516	(204)	SIGNED	4	MPMIFCT	MAINIO FCT POINTER
520	(208)	SIGNED	4	MPMIOFCT	I/O HANDLER FCT ADR
524	(20C)	ADDRESS	4	MPCMSWLE	Address of module IATMSWLE
528	(210)	SIGNED	8	MPINITID	INISH ID FOR THIS MAIN

Comment

```
-------------------------------------------------------------
        GMS COUNT FIELDS
-------------------------------------------------------------
```

End of Comment

536	(218)	BITSTRING	8	MPCRSVD7	Reserved for development
544	(220)	SIGNED	2	MPWLMTOT	Total WLM jobs this main
546	(222)	CHARACTER	5	MPVSREAL	CURRENT LARGEST V=R BLOCK
551	(227)	CHARACTER	5	MPVSCUR	CURRENT AVAILABLE LSTOR
556	(22C)	SIGNED	2	MPMBINC	CURRENT AVAILABLE LSTOR
558	(22E)	SIGNED	2	MPSRSVS2	RESERVED FOR SERVICE
560	(230)	SIGNED	2	MPJSCNT	JOB SPAN COUNTER
562	(232)	SIGNED	2	MPSJSCNT	SETUP JOB SPAN COUNTER
564	(234)	SIGNED	2	MPAINIT	TOTAL STARTED INITS
566	(236)	SIGNED	2	MPDEEP	TOTAL JOBS ACTIVE THIS MAIN
568	(238)	SIGNED	2	MPJOBCNT (3)	IORATE COUNTERS (L-H-M)
574	(23E)	ADDRESS	1	MPSDEEP	CURRENT SETUP DEPTH ON MAIN
575	(23F)	BITSTRING	1	MPLIGRP	LAST INITIATOR GROUP SCANNED
576	(240)	BITSTRING	1	MPPRTY	CURR SELECT PRIORITY IN RESQ
577	(241)	BITSTRING	2	MPCRSVD8	Reserved for development
579	(243)	BITSTRING	1	MPBMIX	BEST I/O RATE FOR THIS SCAN
580	(244)	BITSTRING	1	MPFMIX	NEXT BEST I/O RATE THIS SCAN
581	(245)	BITSTRING	1	MPGMSECF	GMS ECF
		1...		MPGMSRST	"X'80'" 1 = PROCESS COMPLETE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		MPGMSCOM	"X'40'" 1 = GMS COMPLETE
582	(246)	SIGNED	2	MPSTSIZ	SIZE OF THE SYMBOL TABLE
584	(248)	SIGNED	4	MPSPTRS (0)	TABLE OF SCAN POINTERS
584	(248)	SIGNED	4	MPFJPTR	POINTER TO FIRST JOB
588	(24C)	SIGNED	4	MPFFPTR	POINTER TO FIRST FIT JOB
592	(250)	SIGNED	4	MPFMPTR	POINTER TO FIRST MIX JOB
596	(254)	SIGNED	4	MPBFPTR	POINTER TO BEST FIT JOB
600	(258)	SIGNED	4	MPBMPTR	POINTER TO BEST MIX JOB
		1...		MPBMVAL	"X'80'" BEST MIX PTR IS VALID -MUST BE JUST HIGH ORDER BIT
604	(25C)	SIGNED	4	MPBJPTR	POINTER TO BEST JOB
		1...		MPBJVAL	"X'80'" BEST JOB PTR IS VALID -MUST BE JUST HIGH ORDER BIT
604	(25C)	X'18'	0	MPSPTRSZ	"*-MPSPTRS" END OF TABLE

Comment

```
-----------------------------------------------------------
        MAIN SERVICE SAVE AREAS
-----------------------------------------------------------
```

End of Comment

608	(260)	DBL WORD	8	MPIOWORK (2)	MAIN I/O SAVE AREA
624	(270)	SIGNED	4	MPGMSRSV	GMS RETURN ADDRESS SAVE AREA
628	(274)	SIGNED	4	MPGMSSAV (7)	GMS REG SAVE AREA
656	(290)	SIGNED	4	MPUSER (3)	RESERVED FOR USER

Comment

```
-----------------------------------------------------------
        MAIN PROCESSOR CONTROL PROGRAM INDEXES
-----------------------------------------------------------
```

End of Comment

668	(29C)	ADDRESS	1	MPCPACT	ACTIVE CONTROL PGM
669	(29D)	ADDRESS	1	MPCPMDS	CTRL PROGRAM FOR MDS SCHED
670	(29E)	BITSTRING	1	MPCPNEW	NEW CTRL PGM IN SYS SWITCH
670	(29E)	X'0'	0	MPCPNONE	"0" NO CTRL PGM
670	(29E)	X'1'	0	MPCPMVT	"1" MVT CTRL PGM INDEX
670	(29E)	X'2'	0	MPCPVR1	"2" VS2 R1 CNTL PGM INDEX
670	(29E)	X'3'	0	MPCPVR2	"3" VS2 R2 CNTL PGM INDEX
		1111 1111		MPCPANY	"X'FF'" ANY CTRL PGM INDEX
671	(29F)	BITSTRING	1		ALIGNMENT SPACE

Comment

```
-----------------------------------------------------------
    Main scheduling mask instructions (built by IATINMPC)
-----------------------------------------------------------
```

End of Comment

Comment

```
        MAIN SERVICE AWAIT ECFS
```

End of Comment

684	(2AC)	SIGNED	4	(0)	ALIGNMENT
684	(2AC)	SIGNED	4	MPCRSVD9 (2)	Reserved for development
692	(2B4)	ADDRESS	4	MPMBECF	ECF ADDRESS
696	(2B8)	BITSTRING	1	(3)	MUST BE ZERO
699	(2BB)	BITSTRING	1	MPMBECFM	ECF MASK
700	(2BC)	SIGNED	4		END OF LIST
704	(2C0)	ADDRESS	4	MPMNECF	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
708	(2C4)	BITSTRING	1	(3)	MUST BE ZERO
711	(2C7)	BITSTRING	1	MPMNECFM	STANDARD MAIN FCT ECF MASK
712	(2C8)	ADDRESS	4	MPMIECF	
716	(2CC)	BITSTRING	1	(3)	MUST BE ZERO
719	(2CF)	ADDRESS	1	MPMIECFM	STANDARD MAINIO ECF MASK
719	(2CF)	X'8'	0	MPMIECFL	"*-MPMIECF" Length of ECF+MASK structure
720	(2D0)	ADDRESS	4	MPECFPT	
724	(2D4)	BITSTRING	1	(3)	MUST BE ZERO
727	(2D7)	BITSTRING	1	MPRSRVD1 (3)	RESERVED FOR DEVELOPMENT

Comment

```
        MAIN SERVICE CONSOLE AND TIMER APPENDAGES
-------------------------------------------------------------
        CONSOLE MESSAGE APPENDAGE
-------------------------------------------------------------
```

End of Comment

Comment

```
MPOPMSG OIL MPSTMIO,MPSCONS,REF=MPCSTART POST FOR OPER MSG
```

End of Comment

Comment

```
                LOAD WORD CONTAINING BYTE TO BE SET
```

End of Comment

Comment

```
                SHIFT MASK TO SAME POSITION IN WORD AS
                BYTE TO BE CHANGED YM1995
```

End of Comment

Comment

```
     ARETURN RC=4 RETURN AND GET MSG QUEUED
     $RX= OS280 HJS6608 981211 PD0DR: OS 2.8.0
```

End of Comment

Comment

```
-------------------------------------------------------------
        ASYNCHRONOUS TIMER APPENDAGE
-------------------------------------------------------------
```

End of Comment

Comment

```
MPTIME OIL MPLFLG,MPLTIME,REF=MPCSTART POST TIME EXPIRED
```

End of Comment

IATYMPC Cross Reference

Name	Hex Offset	Hex Value
AASPMAP	6D4	
ABACKR	374	
ABENDAPG	378	
ABENDDCB	6D8	
ABLOCK	37C	
ACCTDFLT	C2C	94DF06B
ACLOSE	380	
ACONCONS	6E0	
ACONRS10	9D	10
ACONRS20	9D	20
ACONSBCB	98	
ACONSRMT	384	
ACONTIME	9D	0
ACTIVE_LIMIT	1C	FFFF
ACTLTRAP	388	
ACTMNRCN	C	80
ADEBLOCK	38C	
ADELETE	390	
ADEQ	394	
ADLTABLE	D0	
AENQ	394	394
AFDADD	398	
AFDDELET	39C	
AFDFIND	3A0	
AFGABNUM	B7C	0
AFGDLPST	BC1	80
AFGDMPOS	BC9	8
AFGDMPSA	BC9	4
AFGESTAE	BC9	80
AFGFLAG2	BBF	0
AFGFLAG5	BC1	0
AFGFSACT	BC9	20
AFGGMPF	BBF	80
AFGNOCPF	BBF	40
AFGPJES3	BC9	40
AFGRS201	BBF	1
AFGRS202	BBF	2
AFGRS204	BBF	4
AFGRS208	BBF	8
AFGRS210	BBF	10
AFGRS220	BBF	20
AGETBUF	3A4	
AGETMAIN	84	
AHED_ANCHOR	CC	
AHED_FREE	D4	
AHED_SEQUENCE		
	C8	0
AHED_TOTAL	D0	
AIATINIT	31C	
AINTDATA	34	
AIOBFECF	BDA	FF
AIOBFUSE	B7E	0
AIOBMIN	B98	0
AIOFDLST	700	
AIOFDNEW	BC2	40
AIOFDPRY	C57	F0
AIOFDTOP	704	
AIOFLAG1	BC2	0
AIOFLAG2	BC3	0
AIOGETBF	BC2	20
AIOJQMSG	BC3	8
AIOMCMSG	BC3	2
AIOMNBUF	BC3	1
AIOMSOUT	BC3	4
AIONBUFS	B82	0
AIONOAWT	BC3	80
AIONOBFM	B84	0
AIONOBFN	95C	0
AIONOSPC	BC2	8
AIOPTJSM	BC3	10
AIORDWRT	BC2	80
AIORESPG	BC3	20
AIOSNGIO	BC2	4
ALLOFF	1C	8
ALLON	1C	1
ALOAD	3B0	
ALOCATE	3B4	
ALWAYS	1C	F
ANALYZE	9F	10
ANJECHKS	CE4	
ANJECNSQ	78	
ANJESRCH	CE0	
ANJETBL	CD4	
ANOTE	3B8	
AOPEN	3BC	
AOPEND	3C0	
APOINT	3C4	
APURGE	3C8	
APUTBUF	3CC	
APUTMAIN	88	
ARELEASE	3D4	
ARETNAD	44	
ARMODOFF	1C	0
ARMODON	1C	200
ARNAMES	DB8	1F
AR0	1C	0
AR1	1C	1
AR10	1C	A
AR11	1C	B
AR12	1C	C
AR13	1C	D
AR14	1C	E
AR15	1C	F
AR2	1C	2
AR3	1C	3
AR4	1C	4
AR5	1C	5
AR6	1C	6
AR7	1C	7
AR8	1C	8
AR9	1C	9
ASAVE	40	
ASPABND0	3D8	
ASPECB	38	
ASPTCB	728	
ASYSIOSP	6E8	
ATEST	394	394
ATIME	8C	
ATRACK	3E0	
AUXPTERM	BCA	80
AWAIT	228	80
AWAITEP	3C	
AWAITL	229	81
AWAITOFF	22A	50
AWAITOFL	22B	51
AWRITE	400	

Name	Hex Offset	Hex Value
BUFSZ	97C	97E
CHARA	1C	C1
CHARCMMA	1C	6B
CHARF	1C	C6
CHARNINE	1C	F9
CHARZERO	1C	F0
CHENDAPG	408	
CHKPNT	DB8	4
CKPTAREA	730	
COLDSTRT	9F	80
CONCNJS	324	
CONCNVRT	404	
CONREVRT	418	
CONSAUTH	41C	
CONSUBPL	C59	0
CPUIPL	9F	4
CTCASID	18	0
CTCDSCRQ	10	80
CTCFLG1	10	0
CTCFLG2	11	0
CTCFLG3	12	0
CTCFLG4	13	0
CTCID	4	C3E3C360
CTCIXIF	C	
CTCJUFL1	C	4
CTCMCINT	10	20
CTCMSWA	8	
CTCNEXT	0	0
CTCOGLBL	10	40
CTCRECN	12	20
CTCRSVD	1C	0
CTCRSVDH	1A	0
CTCRSVS1	24	0
CTCRSVS2	28	0
CTCRSVU	2C	0
CTCSSVT	14	0
CTCSTART	0	
DCTRAPS	900	
DECF	BE0	0
DECFBTR	BE0	1
DECFDR	BE0	10
DECFER	BE0	20
DECFIO	BE0	80
DECFSEC	BE0	8
DECFTX	BE0	40
DEQMSG	420	
DEVSCAN	424	
DJCACTIV	224	10
DJCCKFDB	AF8	0
DJCFREE	34C	
DJCPOST	224	40
DLOCOFF	678	
DLOCON	670	
DLQ	DB8	1
DMTAREQ	1F8	80
DMTARPLY	1F8	40
DNMCONVI	76C	0
DNMDISBL	76D	0
DNMENABL	76E	0
DNMISDRV	76F	0
DNMMAIN	770	0
DNMOUTPT	773	0
DNMPSTSC	771	0
DNMPURGE	774	0
DRDCB	73C	

Name	Hex Offset	Hex Value
DSIACTV	9F	8
DSIFCT	740	
DSPCMXSZ	1C	0
DSPCONVI	744	
DSPDIC	DC	
DSPDISBL	748	
DSPDMJA	75C	
DSPENABL	74C	
DSPFSSCT	764	
DSPIG	25C	
DSPISDRV	750	
DSPMAIN	754	
DSPNJESF	CEC	
DSPNJESN	CE8	
DSPOUTPT	760	
DSPPSTSC	758	
DSPRSCNT	924	0
DSPURGE	768	
DSQLOC	D8	
DSQLOCEP	674	
DUMYCNDB	48	
DYNALOC	BCD	80
DYNALRTY	428	
DYNCDD	BCD	20
DYNDYNP	100	
DYNECF	BCD	0
DYNINIT	BCD	10
DYNSAMSK	BCD	E0
DYNUNAL	BCD	40
EFTOP	E0	
EQ	1C	8
EQUHOBOF	1C	FFFFFF
EQUHOBON	1C	0
FAILDSP	4C	
FCT	DB8	6
FCTACTIV	E4	
FCTLAST	1E4	
FCTTOP	30	
FDBALLIO	D	40
FDBASA	D	1
FDBBPTR	14	
FDBCHKPT	6	60
FDBCLOSE	7	10
FDBCSBTJ	8	4
FDBCSBTL	8	8
FDBCSBTR	8	20
FDBCSBTW	8	10
FDBDATA	0	
FDBDATCH	C	20
FDBDEBS	C	2
FDBDKFRR	6	90
FDBDSTAT	1A	40
FDBECF	7	80
FDBEND	C	8
FDBERCNT	11	
FDBERFLG	6	F0
FDBERROR	6	40
FDBFCTPM	6	1
FDBFDATA	C	40
FDBFLAGS	7	
FDBFLAG0	6	
FDBFLAG1	C	
FDBFLAG2	D	
FDBFLAG3	E	
FDBFLGR2	9	

Name	Hex Offset	Hex Value
FDBFLGR4	F	
FDBFREND	C	
FDBF0RS1	6	50
FDBINPUT	7	20
FDBIOCNG	E	40
FDBIOCNT	10	
FDBIOERR	6	20
FDBIOIP	8	40
FDBJBTAT	6	2
FDBJBTER	6	70
FDBJBTEX	C	
FDBJBTL	1C	1C
FDBJBTXL	1C	10
FDBJIOER	1A	20
FDBJTBIT	1A	80
FDBJTEND	1C	
FDBJTERR	1A	2
FDBJTFLG	1A	
FDBJTOFL	1A	8
FDBJTRSV	1B	
FDBJTSPA	E	
FDBJTSPM	E	
FDBJTSPR	10	
FDBLOCAT	D	20
FDBLSTIO	D	80
FDBMAC	D	2
FDBMNTAT	7	40
FDBMODN2	18	
FDBMREND	20	
FDBMRFL	20	20
FDBMULT	7	8
FDBNDATA	D	10
FDBNOPUT	6	8
FDBOCLSE	C	80
FDBODEOD	D	8
FDBOLD	6	4
FDBONSP	8	80
FDBOPEND	18	
FDBOPTCD	E	80
FDBPNTIN	C	1
FDBPOINT	C	4
FDBPRTY	6	
FDBRABDU	1A	4
FDBRECCT	C	
FDBRECN2	1A	
FDBRECOV	6	80
FDBRL	12	
FDBROTER	6	10
FDBRRERQ	1A	10
FDBRSFLD	1E	
FDBRSVD1	A	
FDBSKIP	D	4
FDBSPADR	0	
FDBSPFL1	8	
FDBSPLIT	C	10
FDBSPMOD	0	
FDBSPNDX	18	
FDBSPREC	2	
FDBSREND	C	
FDBSRFL	C	C
FDBSRSV1	7	4
FDBSRSV2	7	1
FDBSTART	0	
FDBTAERR	6	30
FDBVALID	14	

Name	Hex Offset	Hex Value
FDBWCHLK	7	2
FF	1C	FF
FINDJNUM	430	
FIRSTDEB	778	
FSSCKPT	DB8	D
GE	1C	B
GECFJOBN	BDB	8
GECFMCON	BDB	40
GECFMTRK	BDB	20
GECFSTAD	BDB	80
GETUNIT	434	
GMSCKPT	DB8	E
GMSFDB	B04	0
GMSWORK	1F8	0
GT	1C	2
HOMENODE	CCC	D5F14040
HOTSTRT	9F	20
IATGRVT	0	
IATXAMDV	438	
IATXCNS	320	
IATXCPYF	42C	
IATXCSS	27C	
IATXELA	43C	
IATXELD	440	
IATXELS	444	
IATXERCV	448	
IATXFRQ	494	
IATXGOSE	44C	
IATXIOX	450	
IATXIWT	454	
IATXJDS	274	
IATXJET	278	
IATXOSBM	658	
IATXOSPC	65C	
IATXOSPM	2D8	
IATXOSSC	654	
IATXOSSO	660	
IATXOSWS	650	
IATXPOSE	460	
IATXPRMD	458	
IATXPRT	464	
IATXRABC	468	
IATXRABD	46C	
IATXRABP	470	
IATXRCVL	504	
IATXRELC	474	
IATXSCN1	478	
IATXSCN2	47C	
IATXSIO	23C	
IATXSMF	480	
IATXSPR	484	
IATXTRC	288	
IATYTVTC	0	
IATYTVTC_LEN	90E	90E
IATYTVTX	0	
IATYTVTX_LEN	1C4	244
ICT	DB8	9
INCNCMP	9D	40
INITCMP	9D	80
INITOPS	BDC	8
INREAL	1C	8
INTERCOM	48C	
INTK_SHARED_SUBPOOL	1C	9
IOEERROR	22D	80

Name	Hex Offset	Hex Value
IOENORML	22D	40
IOERRECF	22D	0
IOERRFCT	784	
IOETIMED	22D	20
IPLMASK	968	0
JCTRKFDB	B44	0
JDSADD	490	
JDSBENRY	270	
JDSGET	498	
JDSHOLD	49C	
JDSPOINT	4A0	
JDSPUT	4A4	
JDSREL	4A8	
JESCKPNT	4B8	
JESCLOSE	4AC	
JESEXCP	4B4	
JESKEY	22C	0
JESMODLK	4C0	
JESMSG	4C4	
JESMSGRT	6F0	
JESOPEN	4C8	
JESPOOL	9C	0
JESREAD	4CC	
JESSNAP	4D0	
JESTAE	48	
JNADD	4DC	
JNCBCTL	DB8	2
JNCBHLD	4E0	
JNCBPOST	224	2
JNCBREL	4E4	
JNCBTOP	E8	
JNDEL	4E8	
JNGET	4EC	
JNUMR	4F0	
JOB_NUMBER_SHIFT		
	1C	10
JOBCLS	C00	D1E2F3C2
JOBFAIL	C5B	D9
JOBGRP	C08	D1E2F3C2
JOBNALOC	290	
JOBNRTN	294	
JOBNSET	298	
JOBPRTY	C5C	0
JOBSQSIZ	C5D	F0F0F0F3
JQEPTY0	DB8	F
JQEPTY1	DB8	10
JQEPTY10	DB8	19
JQEPTY11	DB8	1A
JQEPTY12	DB8	1B
JQEPTY13	DB8	1C
JQEPTY14	DB8	1D
JQEPTY15	DB8	1E
JQEPTY2	DB8	11
JQEPTY3	DB8	12
JQEPTY4	DB8	13
JQEPTY5	DB8	14
JQEPTY6	DB8	15
JQEPTY7	DB8	16
JQEPTY8	DB8	17
JQEPTY9	DB8	18
JSERV	4F4	
JSSACTIV	BC5	40
JSSCHKPT	BC5	20
JSSDADR	4F8	
JSSDUCHG	BC4	40
JSSEFADD	BC4	4
JSSFCT	EC	
JSSFLG1	BC4	0
JSSFLG2	BC5	0
JSSFSTIM	BC5	80
JSSGPOST	BC4	80
JSSMCGAV	BC4	8
JSSOSWEF	BC4	20
JSSPRELH	BC4	10
JSSPROCN	BC4	2
JSSRETRN	29C	
JSSRQTMR	BC4	1
JSSSTART	BC5	10
JSSTPOST	BC7	0
JSSWORKQ	BC5	8
J3AUXTRC	1C	F018
J3MAXMP	1C	20
J3NUCTRC	1C	1E018
J3TRCMAX	1C	3FF
J3TRCSZ	1C	21000
LCLJNEWS	DB8	A
LE	1C	D
LENTHINV	1C	1
LOCKED	1C	4
LOGIN	4FC	
LOGOUT	500	
LT	1C	4
LVRATPST	BE3	4
LVRRSPST	BE3	2
LVRRSV10	BE3	10
LVRRSV20	BE3	20
LVRRSV40	BE3	40
LVRRSV80	BE3	80
LVRSAPST	BE3	1
MAINACT	F0	
MAINDATA	F4	
MAXIMUM_COMPATIBLE_JOB		
	1C	FFFE
MAXIMUM_JOB_NUMBER_ALLOWED		
	1C	F423F
MAXIMUM_JOB_NUMBER_MASK		
	1C	FFFF
MAXIMUM_JOBS_IN_DJC_NET		
	1C	7FFF
MCLASS	F8	
MDSPARM	FC	
MESSAGE	90	
MGROUP	104	
MINUS	1C	4
MIXED	1C	4
MLBCB	108	
MNTRKFDB	B10	0
MOVEDATA	50C	
MPACTIVE	5A	40
MPAINIT	234	0
MPAUXIO	92	0
MPBFPTR	254	0
MPBJPTR	25C	0
MPBJVAL	25C	80
MPBMIX	243	0
MPBMPTR	258	0
MPBMVAL	258	80
MPBRESC	1D4	0
MPBSTFIT	FC	20
MPBSTJOB	FC	80

Name	Hex Offset	Hex Value
MPBSTMIX	FC	40
MPCCFDAT	194	0
MPCCFTIM	198	0
MPCGMWEV	148	
MPCHLST	FC	
MPCHRDAT	18C	0
MPCHRTIM	190	0
MPCID	34	D4D7C340
MPCLEVEL	19C	
MPCMDWEV	144	
MPCMSWLE	20C	
MPCPACT	29C	
MPCPANY	29E	FF
MPCPLEVL	19C	
MPCPMDS	29D	
MPCPMVT	29E	1
MPCPNEW	29E	0
MPCPNONE	29E	0
MPCPVR1	29E	2
MPCPVR2	29E	3
MPCRSVDE	170	0
MPCRSVD1	150	0
MPCRSVD2	19E	0
MPCRSVD3	1E0	0
MPCRSVD7	218	0
MPCRSVD8	241	0
MPCRSVD9	2AC	0
MPCSECT	140	0
MPCSLEVL	19D	
MPCSTART	0	
MPCWLWEV	14C	
MPCWORK1	200	0
MPCWTOCH	99	0
MPCWTOIV	9A	A
MPCWTOLM	9C	0
MPCWTSIV	A4	A
MPDEEP	236	0
MPDISALL	FB	80
MPDISIPL	FB	40
MPDISIZE	FB	20
MPDISMLG	FB	10
MPDPRTY	FA	
MPDSPLAY	FB	0
MPECFPT	2D0	
MPELEN1	74	40
MPELEN2	F0	70
MPEND	F0	
MPERRFL1	134	0
MPERRFL2	135	0
MPERRFL3	136	0
MPERRFL4	137	0
MPERRFL5	138	0
MPERRRFD	139	0
MPERSTA	130	0
MPERSVDD	A8	0
MPERSVDS	A0	0
MPERSVD1	96	0
MPERSVD2	6C	0
MPERSVD3	5B	0
MPERSVD4	48	
MPERSVD5	52	
MPERSVD6	A6	0
MPERSVS1	98	0
MPEXRESC	1D0	0
MPE2NDST	80	
MPFFPTR	24C	0
MPFIXIO	94	5
MPFJPTR	248	0
MPFMIX	244	0
MPFMPTR	250	0
MPFSTFIT	FC	2
MPFSTJOB	FC	8
MPFSTMIX	FC	4
MPGLBL	5A	10
MPGMSCOM	245	40
MPGMSECF	245	0
MPGMSRST	245	80
MPGMSRSV	270	0
MPGMSSAV	274	0
MPGPTRS	1D8	0
MPINFLG	91	0
MPINITID	210	0
MPIOWORK	260	0
MPJOBCNT	238	0
MPJOBMIX	100	102
MPJSCAN	74	0
MPJSCNT	230	0
MPLCL	5A	8
MPLIGRP	23F	0
MPLSTOR	FE	2EE0
MPMAGEL	F6	
MPMAGER	F4	
MPMAXI	F0	0
MPMBECF	2B4	
MPMBECFM	2BB	FF
MPMBINC	22C	0
MPMEMD	15C	0
MPMIECF	2C8	
MPMIECFL	2CF	8
MPMIECFM	2CF	
MPMIFCT	204	0
MPMIOFCT	208	0
MPMNECF	2C0	
MPMNECFM	2C7	FF
MPMNFCT	1CC	0
MPMRESRV	18A	0
MPMSJT	16C	0
MPMSMC	168	0
MPNAME	38	40404040
MPNEXT	0	0
MPNUNITS	188	0
MPPGIO	4E	0
MPPRTY	240	0
MPRQONMN	13C	0
MPRSRVD1	2D7	0
MPRSTRCD	164	0
MPSAGEL	F7	
MPSAGER	F5	
MPSBAR	F3	
MPSDEEP	23E	
MPSDEPTH	F2	
MPSDEST	100	0
MPSELECT	40	40404040
MPSINCL	F9	
MPSINCR	F8	
MPSIZE	F0	
MPSJSCNT	232	0
MPSMFID	58	F0F0
MPSPIPL	90	80
MPSPNDX	8C	0

Name	Hex Offset	Hex Value
MPSPNM	84	40404040
MPSPSTAT	90	0
MPSPTRS	248	
MPSPTRSZ	25C	18
MPSRSVD	FD	0
MPSRSVD1	12F	0
MPSRSVS2	22E	0
MPSTAGE	154	0
MPSTART	38	
MPSTATL	158	0
MPSTRKG1	8E	
MPSTRKG2	8F	
MPSTSIZ	246	0
MPSTUNXR	80	
MPSYMT	1F4	0
MPSYSID	57	0
MPSYSR01	5A	1
MPSYSR02	5A	2
MPSYSR04	5A	4
MPSYSR20	5A	20
MPSYSR80	5A	80
MPSYSTEM	5A	
MPUNITS	160	0
MPUSER	290	0
MPUSRPG	50	4
MPVSCUR	227	F0F0F0F0
MPVSREAL	222	F0F0F0F0
MPWLMTOT	220	0
MSEND	130	
MSERRAC	139	80
MSERRFA	139	40
MSGCECF	BDB	0
MSGMSJDB	139	20
MSGMSJMR	139	40
MSGMSSEL	139	10
MSGMSUGS	139	80
MSSACT	BCC	80
MSSDEPTH	BCC	20
MSSIZE	130	
MSSJOB	BCC	40
MSSTART	F0	
NALLOFF	1C	5
NALLON	1C	C
NCBTAADD	510	
NCBTAFND	514	
NCBTAGET	518	
NCBTAPUT	51C	
NCBTAREL	520	
NCKADD	524	
NCKDEL	528	
NCKLOCK	1E8	0
NCKLOCKD	50C	80
NE	1C	7
NJPNAME	C10	40404040
NMINUS	1C	B
NOP	1C	0
NOTIREAL	1C	7
NOV	1C	C
NPLUS	1C	D
NZERO	1C	7
OSEFLAGS	BDC	0
OSEOUTPT	BDC	40
OSERQWS	BDC	4
OSETIMER	BDC	20
OSEWTRS	BDC	10
OSEWTRSL	BDC	2
OSGRJGET	330	
OSGRJPUT	334	
OSGRJREL	338	
OSSRQTOP	7F4	
OSSWAIT	7F8	
OSWSQUE	87C	
OV	1C	1
PAFCTBTM	110	
PAFCTTOP	114	
PAGTBINV	1C	2
PLUS	1C	2
POSTSRS	52C	
PRO	DB8	7
PRTAB	120	
PUNTAB	124	
PURCHAIN	530	
PUTUNIT	534	
RCLOSE	538	
RESTABLE	128	
RJPASYNQ	800	
RJPCPOST	9D	8
RJPCTIME	9D	4
RJPECB	804	
RJPECF	804	0
RJPECFAB	805	20
RJPECFCE	805	80
RJPECFCN	805	4
RJPECFLL	805	2
RJPECFOP	805	10
RJPECFST	805	8
RJPECFTM	805	40
RJPIO	554	
RJPJNEWS	DB8	B
RJPLDCTQ	808	
RJPRTERM	A8	
RJPSNAP	558	
RJPSNPFL	231	0
RJPTAB	A0	
ROPEN	55C	
RQ	DB8	0
RQBTM	174	
RQDTOP	178	
RQTAADD	564	
RQTADEL	568	
RQTAPUT	56C	
RQTOP	17C	
RQWTRTOP	80C	
RSCFCT	DB8	C
RSCNOFCT	DB8	8
RSCNOWAT	DB8	0
RSCTFCT	DB8	14
RSCTTEST	DB8	10
RSCTWAIT	DB8	18
RSCWAIT	DB8	4
R0	1C	0
R1	1C	1
R10	1C	A
R11	1C	B
R12	1C	C
R13	1C	D
R14	1C	E
R15	1C	F
R2	1C	2
R3	1C	3

Name	Hex Offset	Hex Value
R4	1C	4
R5	1C	5
R6	1C	6
R7	1C	7
R8	1C	8
R9	1C	9
SAFEXTSP	1C	F0
SAFMSGSP	1C	F0
SCTAB	180	
SECTKNLN	1C	50
SEGTBINV	1C	4
SETNAMES	184	
SIZEBUF	97C	0
SMFDYFCT	225	1
SMFPOST	225	80
SMFRCUR	225	2
SMRFDB	B2C	0
SNAPDCBA	810	
SNARMVCB	DB8	8
SNLKDEC	2EC	4
SNLKERR	2EC	0
SNLKINC	2EC	0
SNLKINNC	2EC	8
SNLKNORM	2EC	0
SNSTCM	2F4	10
SNSTERR	2F4	0
SNSTFCB	2F4	8
SNSTNORM	2F4	0
SNSTOFF	2F4	4
SNSTON	2F4	0
SNSTONTQ	2F4	4
SNSTQ	2F4	40
SNSTQI	2F4	80
SNSTRQ	2F4	20
SNSTTEST	2F4	8
SNSTTNCH	2F4	C
SPECIAL_JOB_XFFFF		
	1C	FFFF
SPINOFF	578	
SPINPOST	BDC	80
SPORQTOP	814	
SRJPACT	168	16B
SRJPACTM	168	80
SRJPBCB	168	40
SRJPCSFL	168	0
SRJPECF	168	168
SRJPFLG	168	16B
SRJPISEC	168	2
SRJPNDRA	300	
SRJPPOP	168	10
SRJPRCB	168	20
SRJPRJS	168	80
SRJPRSET	8DC	
SRJPRSRB	8CC	
SRJPRSVS	168	4
SRJPRTRM	A4	
SRJPSCTR	160	0
SRJPSNDA	8E4	
SRJPSNDC	314	
SRJPSNDD	318	
SRJPSNDE	8D8	
SRJPSNDF	8E0	
SRJPSNDG	308	
SRJPSNDM	30C	
SRJPSNDN	2F8	

Name	Hex Offset	Hex Value
SRJPSNDO	310	
SRJPSNDP	8D0	
SRJPSNDR	8C8	
SRJPSNDS	8D4	
SRJPSNDT	304	
SRJPSNDU	8C4	
SRJPSNDV	2FC	
SRJPSNFI	AE0	
SRJPSNFO	AE4	
SRJPSNFS	2F0	
SRJPSNJP	ADC	
SRJPSNLK	2EC	
SRJPSNLM	AF0	
SRJPSNPI	AE8	
SRJPSNPO	AEC	
SRJPSNSG	AD8	
SRJPSNST	2F4	
SRJPSQAN	164	0
SRJPSRT	134	
SRJPSTQ	160	
SRJPWKQ	168	8
STEPCHK	C61	D5
SUPUNITS	188	
SYSAT522	C	40
SYSTAB	18C	
SYSUNIT	DB8	3
SYSUNITS	190	
TATFLAGS	BC6	0
TATGMSSP	BC6	20
TATMINQ	BC6	80
TATMRGQ	BC6	40
TDBGCLSS	C62	C1
TESTSRS	410	
TIDSNT	820	
TIHWST	824	
TIPARMS	828	
TKNMAPLN	1C	50
TODMSG	4D4	
TPROCCHN	82C	
TSOJNEWS	DB8	C
TVABNGET	2A4	
TVDSIECF	230	0
TVINITID	930	0
TVJCTREL	5E8	
TVONLFDB	B38	0
TVRSTFLG	9F	0
TVTABLE	0	0
TVTABMN	2A8	
TVTABMNE	878	
TVTABNOF	3D8	80
TVTADMSK	C78	FFFFFF
TVTADSLM	CF8	0
TVTALETA	CB0	
TVTANYJS	BCB	4
TVTANYRL	BCB	2
TVTASPC	BA5	20
TVTASPE	BA5	80
TVTASPW	BA5	40
TVTATCB	8C0	
TVTATDCI	994	0
TVTATE	BEE	80
TVTATFLG	BEE	0
TVTATRCA	7E8	
TVTAUTOR	BF5	20
TVTAUXT	8B4	

Name	Hex Offset	Hex Value
TVTBALJ	19C	
TVTBALST	170	
TVTBCMD	DA4	80
TVTBCMDQ	DA4	40
TVTBCOMM	D2C	
TVTBDCDA	D28	
TVTBDUMY	D90	
TVTBECF	DA4	0
TVTBECFN	DA5	0
TVTBECFS	DA6	0
TVTBEND	DA5	4
TVTBFLG1	D8E	0
TVTBJCRQ	DA4	10
TVTBLANK	C9C	40404040
TVTBMSK	DA4	F0
TVTBNFG	D8E	80
TVTBNJET	DA5	80
TVTBNMSK	DA5	E4
TVTBONMR	DA5	40
TVTBOTH	BCB	1
TVTBREC	D98	
TVTBRECC	DA5	20
TVTBRSV1	DA4	20
TVTBSCT	D94	
TVTBSMSK	DA6	C0
TVTBSSA	DA6	80
TVTBSSIR	DA6	40
TVTBSZDT	9B4	0
TVTBTJDS	CA4	A
TVTBTJST	CA4	2
TVTBTR	790	
TVTCALNT	12C	
TVTCANB	BC0	80
TVTCANC	BC0	8
TVTCANL	BC0	2
TVTCANP	BC0	20
TVTCBCLS	BD2	80
TVTCBDTM	B0	
TVTCBJOB	BD2	40
TVTCDCLS	BD2	20
TVTCDECF	BFC	0
TVTCDJOB	BD2	10
TVTCDSI	230	40
TVTCECF	BE7	0
TVTCEYE	24	E3E5E340
TVTCFATF	BE1	10
TVTCFCNT	94C	0
TVTCFDAT	944	0
TVTCFINF	944	
TVTCFR01	BD2	1
TVTCFR02	BD2	2
TVTCFR04	BD2	4
TVTCFR08	BD2	8
TVTCFTIM	948	0
TVTCFTVT	48	
TVTCIATC	BE1	80
TVTCICNT	998	99A
TVTCID	0	C9C1E3E8
TVTCIECB	988	0
TVTCIECF	BE1	0
TVTCIFLG	BD2	0
TVTCIFSS	BD8	40
TVTCIJSS	BC5	1
TVTCIR01	BE1	1
TVTCIR02	BE1	2
TVTCIR04	BE1	4
TVTCIR08	BE1	8
TVTCISBW	988	80
TVTCISCH	5DC	
TVTCITCB	818	
TVTCKFCT	830	
TVTCKMSG	834	
TVTCLEN	4C	
TVTCL012	4B0	
TVTCNJEM	50	
TVTCNMLW	80	
TVTCNSAP	BFC	80
TVTCNTOR	634	
TVTCONSR	384	80
TVTCPUID	9B8	0
TVTCRD01	10E	
TVTCRD02	20E	
TVTCRD03	30E	
TVTCRD04	40E	
TVTCRS01	50E	
TVTCRS02	60E	
TVTCRS03	70E	
TVTCRS04	80E	
TVTCSCP	CAC	
TVTCSF	74	
TVTCTVT	68	
TVTCVERS	40	
TVTC313	80E	1
TVTDATFS	B8A	0
TVTDATQ	1A0	
TVTDATSZ	9BC	0
TVTDCNDB	89C	
TVTDDINB	CF5	40
TVTDELET	390	80
TVTDFCB	1A4	
TVTDHWS	BCC	4
TVTDISK	5F0	
TVTDJFLG	BF3	0
TVTDJOCT	BFD	0
TVTDJRST	BF3	80
TVTDLMSK	AD4	0
TVTDMCDE	71C	
TVTDMCPG	ABA	0
TVTDMCQ	1A0	1A0
TVTDMCSZ	AB8	0
TVTDMDK	23C	23C
TVTDMPB	BC0	40
TVTDMPC	BC0	4
TVTDMPL	BC0	1
TVTDMPLN	964	6000
TVTDMPP	BC0	10
TVTDMSAV	9C0	0
TVTDMTRC	9D0	0
TVTDPJBN	BF4	20
TVTDPJEN	BC5	2
TVTDRCR	BED	0
TVTDRCRC	BCE	80
TVTDRDN	BEC	2
TVTDRDR	BEC	40
TVTDRECF	BEC	0
TVTDRFLG	768	80
TVTDRTN	BEC	4
TVTDRTR	BEC	80
TVTDSFDB	710	0
TVTDSI01	BA4	1

Name	Hex Offset	Hex Value
TVTDSI02	BA4	2
TVTDSI04	BA4	4
TVTDSI08	BA4	8
TVTDSI10	BA4	10
TVTDSI20	BA4	20
TVTDSI40	BA4	40
TVTDSPIQ	2E0	
TVTDSPMO	2E4	
TVTDSP00	638	
TVTDSSCH	5E0	
TVTDYNL	BCE	0
TVTDYSCR	B9A	0
TVTEASID	D18	40404040
TVTENCTL	B0	0
TVTEND	DB8	
TVTENFRW	B4	
TVTENST	BEF	20
TVTENWRK	B0	
TVTEPCST	374	
TVTEPE	6D4	
TVTEPS	374	
TVTEPST	234	
TVTERRQ	240	
TVTERRWK	244	
TVTESTE6	BB0	0
TVTESTFL	BAF	0
TVTESTSZ	BB4	2000
TVTEST00	BB4	0
TVTEXREL	79C	
TVTF_EYE_CATCHER	24	E3E5E340
TVTFCTVT	40	
TVTFDCTA	6F8	
TVTFDMAX	BAA	0
TVTFDUSE	BA8	0
TVTFETCH	BCB	80
TVTFID	0	C9C1E3E8
TVTFLAG1	BEF	0
TVTFLAG2	BF5	0
TVTFLEN	44	
TVTFREND	D0	
TVTFSAID	BD6	
TVTFSASK	BC9	1
TVTFSCIU	BE1	20
TVTFSECB	C28	0
TVTFSEPL	618	20
TVTFSEPN	618	
TVTFSEPS	5F8	
TVTFSFCT	77C	
TVTFSFG1	BC9	0
TVTFSFG2	BCA	0
TVTFSFLG	BD8	0
TVTFSID	BD4	
TVTFSL	874	
TVTFSLG	1EC	
TVTFSLGA	838	80000000
TVTFSLOG	838	80
TVTFSMSE	D18	D1C
TVTFSMSG	D05	
TVTFSMSL	D04	
TVTFSMSS	D04	D05
TVTFSNDP	BC9	2
TVTFSRC	1F0	
TVTFSS	1A8	
TVTFSSAB	604	

Name	Hex Offset	Hex Value
TVTFSSAD	BD8	80
TVTFSSAM	60C	
TVTFSSCK	600	
TVTFSSCL	608	
TVTFSSCM	BFC	40
TVTFSSFD	B60	0
TVTFSSFP	610	
TVTFSSFS	5FC	
TVTFSSID	BD4	
TVTFSSIN	C1C	40404040
TVTFSSNM	D09	40404040
TVTFSSRS	614	
TVTFSSST	5F8	
TVTFSSTA	BFC	20
TVTFSUFD	BC9	10
TVTFSWA	83C	80000000
TVTFSWRK	83C	80
TVTFTVT	64	
TVTFVERS	38	
TVTF313	140	1
TVTF511	140	2
TVTGETE6	BAF	80
TVTGET00	BAF	40
TVTGLOBL	BD0	40
TVTGMSFL	724	0
TVTGMSP	724	80
TVTGMSUP	720	0
TVTGMS1	618	
TVTGRFLG	BF4	0
TVTGRJQE	BF4	80
TVTGROCO	7C	
TVTGRPSZ	960	0
TVTGRSM1	2C4	
TVTGSAGP	BF0	10
TVTGSATT	BF0	40
TVTGSDET	BF0	20
TVTGSPFD	BF0	80
TVTGSSAT	BF0	8
TVTGSSWM	BF0	4
TVTGSWK1	BF0	0
TVTHOBOF	6C	7FFFFFFF
TVTHOBON	C18	C18
TVTHRCNT	940	0
TVTHRDAT	938	0
TVTHRINF	938	
TVTHRTIM	93C	0
TVTHWMSK	C74	FFFF
TVTHWQE	738	
TVTHXCHR	C7C	F0F1F2F3
TVTICLK	BE4	0
TVTICTCH	81C	
TVTID	0	C9C1E3C7
TVTIDAAD	1AC	0
TVTIDDAT	930	930
TVTIDTIM	930	934
TVTIFCAD	1D4	0
TVTIHWS	BCC	8
TVTINDAT	28	0
TVTINPPS	227	40
TVTINPUT	61C	
TVTINSAV	930	
TVTINSPA	7D2	0
TVTINTIM	28	2C
TVTINTPM	C6A	F0F1
TVTINTPR	C6C	E2E3

Name	Hex Offset	Hex Value
TVTINTRD	BA6	14
TVTINTRP	BCB	4
TVTIOPRM	840	
TVTIQECA	844	
TVTIQECM	84B	
TVTIRA	734	
TVTISFLG	BA5	0
TVTISF01	BA5	1
TVTISF02	BA5	2
TVTISF04	BA5	4
TVTISF08	BA5	8
TVTISF10	BA5	10
TVTISJ	928	0
TVTITKPM	84C	
TVTJADAD	200	
TVTJBDTH	A7E	0
TVTJBEXP	A86	0
TVTJBLIM	A84	4
TVTJBMSG	BE2	40
TVTJBNSE	A7C	0
TVTJBOUT	BE2	20
TVTJBTS	26C	
TVTJBTXP	3E4	
TVTJBUSE	BE2	10
TVTJDDLM	CB8	0
TVTJDENO	C72	6
TVTJDEQ	850	
TVTJESMS	BD1	
TVTJLFLG	CF5	0
TVTJMF	32C	
TVTJMJBT	BE7	40
TVTJMQA	8A0	
TVTJMSSI	BE7	80
TVTJMUPD	BE7	20
TVTJNBAT	BD1	20
TVTJNCBF	224	0
TVTJNCHN	7EC	
TVTJNECF	22E	0
TVTJNMSK	22E	80
TVTJNRET	BF4	40
TVTJNSTC	BD1	40
TVTJNTHL	22E	40
TVTJNTSO	BD1	80
TVTJNWID	22F	0
TVTJOBLM	D00	0
TVTJQEDQ	668	
TVTJQENQ	664	
TVTJQX	1B0	
TVTJSFLG	BE2	0
TVTJSSDA	8A4	
TVTJ3PST	2B0	
TVTLDAAD	198	
TVTLIMF	BC0	0
TVTLLPRT	13C	
TVTLNGTH	24	DB8
TVTLOCAL	BD0	20
TVTLOECF	BE3	0
TVTLPJ3	2BC	
TVTLTRC	858	
TVTMAINJ	9F4	0
TVTMAPRJ	85C	
TVTMAXB	978	5DC
TVTMAXC	96C	2
TVTMAXL	970	1
TVTMAXP	974	1F4

Name	Hex Offset	Hex Value
TVTMBJ	92C	0
TVTMDFLG	BCB	BCB
TVTMDSRD	194	
TVTMEMD	1B8	
TVTMINTR	962	0
TVTMLRL	AD0	0
TVTMNSMS	A18	0
TVTMOECA	860	
TVTMOECM	867	
TVTMPLAV	BC5	4
TVTMRGTR	963	0
TVTMSABN	BE1	40
TVTMSDM	8A8	0
TVTMSMI	2D0	
TVTMSPAT	868	
TVTMSU	86C	
TVTMTON	BEE	40
TVTMUBLN	ACC	0
TVTMXDCI	98C	1
TVTNJEF1	CF4	0
TVTNJEOK	CF4	80
TVTNONE	BCC	1
TVTNOTFY	66C	
TVTNTRCA	7E4	
TVTNUCT	8B0	
TVTOLDGL	BD0	4
TVTONE	C98	1
TVTONMSK	980	0
TVTOSDIE	2D4	
TVTOSFP	2DC	
TVTOSRTQ	210	
TVTOUTPT	620	
TVTPATH	BDF	0
TVTPBITL	264	
TVTPDAAD	204	
TVTPJCL	8AC	0
TVTPJCLP	8AC	80
TVTPPAGS	A80	0
TVTPRCDS	BFC	4
TVTPRCEN	BFC	8
TVTPREFR	BCB	40
TVTPRSUB	BD0	80
TVTPSDMX	99C	0
TVTPSDUS	9A0	0
TVTPSSCH	5E4	
TVTPTATS	268	
TVTPTCAD	794	
TVTPTCKP	3EC	
TVTPTECF	BDF	10
TVTQBIT	CF5	80
TVTRAGNO	C63	
TVTRDFR1	9E	0
TVTRDFR2	AC	0
TVTRDQEF	10C	10C
TVTRDQPT	10C	80
TVTRDQTP	10C	
TVTRDYFC	72C	
TVTRD00H	5EC	0
TVTRD005	70	0
TVTRD010	140	
TVTRD030	16C	0
TVTRD040	1FB	0
TVTRD072	2A0	
TVTRD080	33C	
TVTRD082	3A8	

Name	Hex Offset	Hex Value
TVTRD084	3D0	
TVTRD086	3DC	
TVTRD090	3F0	
TVTRD095	40C	
TVTRD100	414	
TVTRD110	45C	
TVTRD112	488	
TVTRD117	508	
TVTRD118	4BC	
TVTRD120	53C	
TVTRD130	570	
TVTRD140	5F4	
TVTRD150	67C	
TVTRD151	6DC	
TVTRD152	6E4	
TVTRD155	6EC	
TVTRD165	70C	0
TVTRD190	772	0
TVTRD200	775	0
TVTRD210	7F0	
TVTRD215	854	
TVTRD218	870	
TVTRD220	8AD	0
TVTRD230	904	0
TVTRD240	950	0
TVTRD260	A1C	0
TVTRD270	AA0	0
TVTRD280	ABC	0
TVTRD290	B6C	0
TVTRD300	B86	0
TVTRD305	B8C	0
TVTRD310	BAC	0
TVTRD315	BC8	0
TVTRD330	BDD	0
TVTRD345	BE5	0
TVTRD350	BE8	0
TVTRD360	C5A	0
TVTRD403	CD8	0
TVTRD405	CF0	0
TVTRD410	CF2	0
TVTRD420	D30	0
TVTRD425	D8C	0
TVTRD430	D8F	0
TVTRD440	2E8	
TVTRD460	DA5	10
TVTRD465	DA5	8
TVTRD480	DA6	3F
TVTREFRS	9F	2
TVTREQUI	BCB	20
TVTRETNT	130	
TVTRFN01	CF4	1
TVTRFN02	CF4	2
TVTRFN04	CF4	4
TVTRFN08	CF4	8
TVTRFN10	CF4	10
TVTRFN20	CF4	20
TVTRFN40	CF4	40
TVTRF201	BF5	1
TVTRF202	BF5	2
TVTRF204	BF5	4
TVTRF208	BF5	8
TVTRF210	BF5	10
TVTRJPAC	55C	80
TVTRJPCP	CB4	
TVTRJPDI	284	

Name	Hex Offset	Hex Value
TVTRMFF	CA4	FFFFFFFF
TVTRM7F	CA4	CA8
TVTRM80	C18	80000000
TVTRQCAD	118	
TVTRSF10	BCC	10
TVTRSV01	6FC	
TVTRSV02	708	0
TVTRSV03	9F0	0
TVTRS00F	B8	0
TVTRS010	144	
TVTRS040	1D8	0
TVTRS060	232	0
TVTRS070	328	
TVTRS080	354	
TVTRS090	3AC	
TVTRS120	544	
TVTRS130	574	
TVTRS140	57C	
TVTRS150	688	
TVTRS210	7D0	0
TVTRS219	7FC	
TVTRS220	884	
TVTRS230	8E8	
TVTRS260	A44	0
TVTRS261	A78	0
TVTRS270	AA8	0
TVTRS280	AF4	
TVTRS310	B9C	0
TVTRS360	BF6	0
TVTRS370	BFE	0
TVTRS375	C58	0
TVTRS380	C73	0
TVTRS420	D34	0
TVTRS480	DA7	0
TVTRTAB	1BC	
TVTRTAT	7B4	0
TVTRU050	214	
TVTRU080	35C	
TVTRU120	54C	
TVTRU130	560	
TVTRU150	6AC	
TVTRU160	725	0
TVTRU210	7D8	0
TVTRU230	8EC	
TVTRU260	A88	0
TVTRU270	AB0	0
TVTRU310	BB8	0
TVTRU320	BD3	0
TVTRU350	BE9	0
TVTRU370	BFF	0
TVTRU390	CBC	0
TVTRU410	CF6	0
TVTRU430	D64	
TVTSAFCL	238	
TVTSAPWQ	880	
TVTSBCNT	998	3
TVTSBPSY	BB4	E6
TVTSBPUS	BB4	2
TVTSCANI	A9C	708
TVTSCPSC	BFC	10
TVTSDA	11C	
TVTSDEAD	208	
TVTSDION	BA4	80
TVTSDMSG	BAF	20
TVTSDSI	230	80

Name	Hex Offset	Hex Value
TVTSETUP	BCC	0
TVTSIOSV	9F8	0
TVTSJFWK	776	0
TVTSLOTL	280	
TVTSMFCH	1C0	
TVTSMFFL	225	0
TVTSMFFO	C64	0
TVTSMFOP	C65	0
TVTSMS	BF5	80
TVTSMSCX	BF5	40
TVTSMSET	BCB	10
TVTSNAPN	BAF	10
TVTSNECB	984	0
TVTSNFDB	D1C	0
TVTSNNUM	B80	0
TVTSNPNA	4D8	
TVTSOSRQ	20C	
TVTSP	7B2	0
TVTSPADD	7B0	8
TVTSPAGS	A82	0
TVTSPCHG	7B0	2
TVTSPCK	3E8	
TVTSPDEF	7A4	
TVTSPDEL	7B0	40
TVTSPFLC	BA4	80
TVTSPFLG	7B0	0
TVTSPFL2	7B1	0
TVTSPID	7A8	0
TVTSPINT	7A0	
TVTSPLST	788	
TVTSPMSG	BE2	80
TVTSPPCH	1C4	
TVTSPPCK	7B0	80
TVTSPPFL	226	0
TVTSPREL	798	
TVTSPREP	9F	1
TVTSPRPL	7B0	10
TVTSPSTT	7B0	4
TVTSPTAP	7B0	1
TVTSPUNV	7B0	20
TVTSQE	1B4	
TVTSSAUX	BF1	40
TVTSSDSP	BF1	81
TVTSSDST	BF1	1
TVTSSNM	C24	40404040
TVTSSNUC	BF1	80
TVTSSVT	94	
TVTSTAD	2AC	
TVTSTCPM	C68	F0F1
TVTSTCPR	C70	E2E3
TVTSTECB	8B8	0
TVTSTFG0	BCF	80
TVTSTFG1	BCF	40
TVTSTFG2	BCF	20
TVTSTFG3	BCF	10
TVTSTFG4	BCF	8
TVTSTFG5	BCF	4
TVTSTFG6	BCF	2
TVTSTFG7	BCF	1
TVTSTFLG	BCF	0
TVTSTLOC	BF2	0
TVTSTMD	2C0	
TVTSTTAL	24C	
TVTSTTBD	254	
TVTSTTBL	248	
TVTSTTCB	8BC	
TVTSTTPG	250	
TVTSTTSR	258	
TVTSTUSR	BF1	0
TVTSUPNO	70A	0
TVTSUSPE	1F9	80
TVTSUSPM	1FA	40
TVTSVCNT	14C	
TVTSVHDR	148	
TVTSVLST	148	
TVTSYCNT	CFC	0
TVTSYSID	D9C	40404040
TVTTAECF	1F8	0
TVTTAWK	1F4	
TVTTELEN	15C	0
TVTTELS	158	
TVTTELTP	158	0
TVTTGBAD	78C	
TVTTGBUP	260	
TVTTHWS	BCC	2
TVTTJDSA	CA4	2
TVTTOKEN	D4	
TVTTRC2	8F8	
TVTTRC3	8FC	0
TVTTSOPM	C66	F0F1
TVTTSOPR	C6E	E2E3
TVTTSOPS	BEF	40
TVTTVTC	44	
TVTTVTF	3C	
TVTUAGET	BEF	80
TVTUCDCI	990	0
TVTUTIC	A10	0
TVTUXL	1C8	
TVTVALID	A40	0
TVTVIOPM	2B8	
TVTVIRT	BD0	8
TVTVPTH	2B4	
TVTVRECF	BE3	BE3
TVTVS2F1	BD0	0
TVTWAITS	A14	0
TVTWDITV	A7B	
TVTWDLIM	A7A	
TVTWORKD	150	0
TVTWORKS	150	154
TVTWROSE	234	
TVTWTDEC	227	0
TVTWTDPS	227	80
TVTWTD01	227	1
TVTWTD02	227	2
TVTWTD04	227	4
TVTWTD08	227	8
TVTWTD10	227	10
TVTWTD20	227	20
TVTWTFCT	780	
TVTX_CLSDLYUP	130	
TVTX_CLSHADIN	124	
TVTX_CLSHADRE	128	
TVTX_CLSHADUP	12C	
TVTX_CLSMODUP	134	
TVTX_LCLCMSLK		

Name	Hex Offset	Hex Value
	13C	
TVTX_MPSETTRE		
	1C4	
TVTX_MPUNITS	144	
TVTXAHED	C8	
TVTXATDE	2C8	
TVTXATR	140	
TVTXBPL	50	
TVTXCKPT	28C	
TVTXCNDB	60	
TVTXCS03	D8	
TVTXCS06	DC	
TVTXCS07	E0	
TVTXCS08	E4	
TVTXCS09	E8	
TVTXCS10	EC	
TVTXCS11	F0	
TVTXCS12	F4	
TVTXDELY	10C	
TVTXDPL	5C	
TVTXGCL	54	
TVTXGENF	110	
TVTXGPDS	114	
TVTXGSG	BC	
TVTXITRC	C4	
TVTXJCT	624	
TVTXJLOK	2CC	
TVTXJQE	628	
TVTXJSPC	120	
TVTXJXGT	C0	
TVTXM702	A8	
TVTXM703	AC	
TVTXRCL	58	
TVTXRJPC	F8	
TVTXSCSV	108	
TVTXSQE	62C	
TVTXSSCR	138	
TVTXSSEV	B4	
TVTXSST	B0	
TVTXSSTB	B8	
TVTXTOD	630	
TVTXTODF	630	80
TVTXTRCD	350	
TVTXWCLF	100	
TVTXWDSL	11C	
TVTXWLM	FC	
TVTXWSEL	118	
TVTXWSRV	104	
TVTYOSD	1CC	
TVTZERO	C8C	C8C
TVTZEROX	C8C	0
TVT3100D	1FC	0
TVT8500D	6F4	0
TVVCKFDB	B70	0
UAVLFLG	BD9	0
UNLIMITED_DSP_COUNT		
	1C	F423F
UNLIMITED_JOB_COUNT		
	1C	FFFFFF
UNLIMITED_JOB_COUNT2		
	1C	FFFF
UNLOCKED	1C	8
VATAFCT	63C	
VGETFCT	640	
VGETRSQ	644	

Name	Hex Offset	Hex Value
WARMSTRT	9F	40
WRTCHAIN	648	
WTD	DB8	5
WTDQUE	1D0	
XCFDEFGP	9AC	40404040
XCFGRPNM	9A4	40404040
ZERO	1C	8
ZEROCORE	64C	
ZEROS	1C	8

IATYMVDA Heading Information

Common Name:	Multi-version Data Access control information
Macro ID:	IATYMVDA
DSECT Name:	MVDAMSTR, MVDAVERS, MVDATOKN
Owning Component:	JES3 (SC1BA)
Eye-Catcher ID:	MVDAMSTR, MVDAVERS, MVDATOKN Offset: 0 Length: 4
Storage Attributes:	Main Storage: Any Subpool: CSA Key: 0
Size:	MVDAMSIZ bytes (master control area)
Created by:	IATGRMVD
Pointed to by:	SVTMCTRA (Master control)
Serialization:	None

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Function:

This macro maps the data that is used by JES3 to control access to data areas that have multiple versions.

This macro consists of a master control area (there is one for each table being controlled in this way) and one or more version control areas. There is one version control area for each version of the table. One of these versions is the "current" version; all others are "old" versions. In this context "version" does not refer to a version of JES3, but rather a version of the table built from a configuration based on statements from an initialization stream. Furthermore, it does not require a hot start with refresh to create a new version of a table. A hot start creates one, with contents identical to the previous version of the table.

Storage is mapped as follows:

```
+------------+        +--------+  +--------+  +--------+
|    SVT     |    +-> | data   |  | data   |  | data   |
|            |    |   | (curr) |  | (n-1)  |  | (n-2)  |
|            |    |   +--------+  +--------+  +--------+
|            | ---+        A           A           A
|            |             |           |           |
|            | ---+        |           |           |
|            |    |        |           |           |
+------------+    |        |           |           |
                  |        |           |           |
+------------+    |        |           |           |
|  master    | <--+   +--------+  +--------+  +--------+
|  control   |        | vers   |  | vers   |->| vers   |
|  for       | -----> | ctrl   |  | ctrl   |  | ctrl   |
|  table 1   | ---+   | (curr) |  | (n-1)  |  | (n-2)  |
| (SETUNITS) |    |   +--------+  +--------+  +--------+
+------------+    |                  A
|  master    |    |                  |
|  control   |    +------------------+
|  for       |
|  table 2   |
| (SETNAMES) |
+------------+
|  master    |
|  control   |
|  for       |
|  table 3   |
| (DYNALDSN) |
+------------+
```

The information for tables 2 and 3 (including the SVT pointers to the current data) are not shown here in order to save space and clutter, but they are similar to those for table 1. The master control areas correspond to different tables. There is no theoretical limit on how many master control areas there are (and therefore, how many tables are controlled in this manner).

Also not shown are the backward pointers from the version control areas to the associated master control area, and the MVDA tokens.

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MVDAMSTR	,
0	(0)	CHARACTER	8	MVDAMSID	Eye catcher
8	(8)	ADDRESS	4	MVDACVCT	Pointer to the version control area for the current version of the table
12	(C)	ADDRESS	4	MVDAOVCT	Pointer to the version control area for the first old version of the table
16	(10)	ADDRESS	4	MVDABVCT	Pointer to the version control area for the table being built prior to COMMIT (also known as the pending version)
20	(14)	ADDRESS	1	MVDATTYP	Table type
21	(15)	BITSTRING	3	MVDAMRD6	Reserved for development
24	(18)	DBL WORD	8	MVDAUSE (0)	Total use count structure used to serialize (via CDS) simultaneous updates to the current and old use counts. MVDACUSE when updated alone can use CS. MVDAOUSE must not be updated alone.
24	(18)	SIGNED	4	MVDACUSE	Master control area use count due to accesses of the current version of the table (must be updated using serialization)
28	(1C)	SIGNED	4	MVDAOUSE	Master control area use count due to accesses of an old version of the table (see MVDAUSE), not updated directly but accumulated mith MVDACUSE when a current version moves to the old version list
32	(20)	ADDRESS	4	MVDABTKN	Pointer to build token
36	(24)	SIGNED	4	MVDAMRD1	Reserved for development
40	(28)	SIGNED	4	MVDAMRD2	Reserved for development
44	(2C)	SIGNED	4	MVDAMRD3	Reserved for development
48	(30)	SIGNED	4	MVDAMRD4	Reserved for development
52	(34)	SIGNED	4	MVDAMRS1	Reserved for service
56	(38)	SIGNED	4	MVDAMRS2	Reserved for service
60	(3C)	SIGNED	4	MVDAMRS3	Reserved for service
64	(40)	SIGNED	4	MVDAMRS4	Reserved for service
68	(44)	SIGNED	4	MVDAMRS5	Reserved for service
72	(48)	DBL WORD	8	MVDAMEND (0)	End of master control area, must end on doubleword
72	(48)	X'48'	0	MVDAMSIZ	"MVDAMEND-MVDAMSTR" Size of master control area

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MVDAVERS	,
0	(0)	CHARACTER	8	MVDAVRID	Eye catcher
8	(8)	ADDRESS	4	MVDAVNXT	Forward chain pointer
12	(C)	ADDRESS	4	MVDAVTAB	Pointer to the table controlled by this version control area
16	(10)	SIGNED	4	MVDATSIZ	Table size for the version of the table being controlled
20	(14)	SIGNED	4	MVDAVUSE	Use count for the version of the table being controlled (must be updated using serialization)
24	(18)	ADDRESS	4	MVDAMCTL	Pointer to the master control area
28	(1C)	ADDRESS	4	MVDATMFL	Alternate field to get an area within the table other than the start
32	(20)	SIGNED	4	MVDAVRD1	Reserved for development
36	(24)	SIGNED	4	MVDAVRD2	Reserved for development
40	(28)	SIGNED	4	MVDAVRD3	Reserved for development
44	(2C)	SIGNED	4	MVDAVRD4	Reserved for development
48	(30)	SIGNED	4	MVDAVRD5	Reserved for development
52	(34)	SIGNED	4	MVDAVRS1	Reserved for service
56	(38)	SIGNED	4	MVDAVRS2	Reserved for service
60	(3C)	SIGNED	4	MVDAVRS3	Reserved for service
64	(40)	SIGNED	4	MVDAVRS4	Reserved for service
68	(44)	SIGNED	4	MVDAVRS5	Reserved for service
68	(44)	X'48'	0	MVDAVEND	"*" End of version control area
68	(44)	X'48'	0	MVDAVSIZ	"MVDAVEND-MVDAVERS" Size of a long version control area

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MVDATOKN	,
0	(0)	CHARACTER	8	MVDATKID	Eye catcher

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
8	(8)	ADDRESS	4	MVDTKRES	RESMGR token
12	(C)	SIGNED	4	MVDTKRPM (2)	RESMGR parameter area
20	(14)	ADDRESS	4	MVDTKVCT	Version control area

Comment

```
,MVDRADDL RESMGR ADD,
, MF=L
```

End of Comment

24	(18)	SIGNED	4	MVDRADDL (0)	LIST NAME
24	(18)	BITSTRING	1		VERSION NUMBER
25	(19)	BITSTRING	1		FLAGS BYTE
26	(1A)	BITSTRING	1		LINKAGE TYPE
27	(1B)	BITSTRING	1		REQUEST=ADD
28	(1C)	BITSTRING	2		RESERVED
30	(1E)	SIGNED	2		ASID
32	(20)	ADDRESS	4		TCB ADDRESS
36	(24)	ADDRESS	4		ROUTINE ADDRESS
40	(28)	ADDRESS	4		TOKEN ADDRESS
44	(2C)	ADDRESS	4		ECB ADDRESS
48	(30)	ADDRESS	4		PARAM ADDRESS
52	(34)	ADDRESS	4		TTOKEN ADDRESS
52	(34)	X'38'	0	MVDTKRAE	"*" End of RESMGR parameter list
52	(34)	X'20'	0	MVDTKRAS	"MVDTKRAE-MVDRADDL" Size of RESMGR parameter list

Comment

```
,MVDRDELL RESMGR DELETE,
, MF=L
```

End of Comment

56	(38)	SIGNED	4	MVDRDELL (0)	LIST NAME
56	(38)	BITSTRING	1		VERSION NUMBER
57	(39)	BITSTRING	1		FLAGS BYTE
58	(3A)	BITSTRING	1		LINKAGE TYPE
59	(3B)	BITSTRING	1		REQUEST=DELETE
60	(3C)	BITSTRING	2		RESERVED
62	(3E)	SIGNED	2		ASID
64	(40)	ADDRESS	4		TCB ADDRESS
68	(44)	ADDRESS	4		ROUTINE ADDRESS
72	(48)	ADDRESS	4		TOKEN ADDRESS
76	(4C)	ADDRESS	4		ECB ADDRESS
80	(50)	ADDRESS	4		PARAM ADDRESS
84	(54)	ADDRESS	4		TTOKEN ADDRESS
84	(54)	X'58'	0	MVDTKRDE	"*" End of RESMGR parameter list
84	(54)	X'20'	0	MVDTKRDS	"MVDTKRDE-MVDRDELL" Size of RESMGR parameter list
84	(54)	X'58'	0	MVDATEND	"*" End of token area
84	(54)	X'58'	0	MVDATKSZ	"MVDATEND-MVDATOKN" Size of token area

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MVFTNTRY	
0	(0)	ADDRESS	4	MVFTADDR	Table entry routine address
0	(0)	X'4'	0	MVFTEND	"*" End of entry
0	(0)	X'4'	0	MVFTSIZE	"MVFTEND-MVFTNTRY" Size of one entry

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MVDTNTRY	
0	(0)	ADDRESS	4	MVDTDOFF	SVT data offset

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'4'	0	MVDTVEND	"*" End of entry
0	(0)	X'4'	0	MVDTSIZE	"MVDTVEND-MVDTNTRY" Size of one entry

IATYMVDA Cross Reference

Name	Hex Offset	Hex Value
MVDABTKN	20	
MVDABVCT	10	
MVDACUSE	18	
MVDACVCT	8	
MVDAMCTL	18	
MVDAMEND	48	
MVDAMRD1	24	
MVDAMRD2	28	
MVDAMRD3	2C	
MVDAMRD4	30	
MVDAMRD6	15	
MVDAMRS1	34	
MVDAMRS2	38	
MVDAMRS3	3C	
MVDAMRS4	40	
MVDAMRS5	44	
MVDAMSID	0	
MVDAMSIZ	48	48
MVDAMSTR	0	
MVDAOUSE	1C	
MVDAOVCT	C	
MVDATEND	54	58
MVDATKID	0	
MVDATKSZ	54	58
MVDATMFL	1C	
MVDATOKN	0	
MVDATSIZ	10	
MVDATTYP	14	
MVDAUSE	18	
MVDAVEND	44	48
MVDAVERS	0	
MVDAVNXT	8	
MVDAVRD1	20	
MVDAVRD2	24	
MVDAVRD3	28	
MVDAVRD4	2C	
MVDAVRD5	30	
MVDAVRID	0	
MVDAVRS1	34	
MVDAVRS2	38	
MVDAVRS3	3C	
MVDAVRS4	40	
MVDAVRS5	44	
MVDAVSIZ	44	48
MVDAVTAB	C	
MVDAVUSE	14	
MVDRADDL	18	
MVDRDELL	38	
MVDTDOFF	0	
MVDTKRAE	34	38
MVDTKRAS	34	20
MVDTKRDE	54	58
MVDTKRDS	54	20
MVDTKRES	8	
MVDTKRPM	C	
MVDTKVCT	14	
MVDTNTRY	0	

Name	Hex Offset	Hex Value
MVDTSIZE	0	4
MVDTVEND	0	4
MVFTADDR	0	
MVFTEND	0	4
MVFTNTRY	0	
MVFTSIZE	0	4

Appendix A. Accessibility

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully. The major accessibility features in z/OS enable users to:

- Use assistive technologies such as screen-readers and screen magnifier software
- Operate specific or equivalent features using only the keyboard
- Customize display attributes such as color, contrast, and font size.

Using assistive technologies

Assistive technology products, such as screen-readers, function with the user interfaces found in z/OS. Consult the assistive technology documentation for specific information when using it to access z/OS interfaces.

Keyboard navigation of the user interface

Users can access z/OS user interfaces using TSO/E or ISPF. Refer to *z/OS TSO/E Primer* and *z/OS ISPF User's Guide Volume I* for information about accessing TSO/E and ISPF interfaces. These guides describe how to use TSO/E and ISPF, including the use of keyboard shortcuts or function keys (PF keys). Each guide includes the default settings for the PF keys and explains how to modify their functions.

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:Programming Interface Information

End of :Programming Interface Information

Unless otherwise specified, for data areas classified as programming interfaces, the **MACRO ID** and **DSECT NAME(S)** in the header are part of the programming interface. **ALL** other header information is included for diagnostic purposes **ONLY**.

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Since a *data area name* that is designated as part of the programming interface is one of the following:

- MACRO ID
- DSECT NAME
- commonly-used name

before including the *data area name* in a program, refer to the data area header for the applicable **MACRO ID**.

If only certain fields in a data area are intended or not intended for use as a programming interface, the specific field name(s) are differentiated within this book.

For a field that is part of the programming interface, the only information that is part of the interface for writing programs is:

- field name
- data type
- field length
- description (purpose or allowed values)

INCLUDE ONLY data area: **ONLY** the MACRO ID is the programming interface. The data area itself is **NOT** a programming interface.

TOKEN ONLY data area: **ONLY** the address of the data area is a programming interface. The **DSECT NAME,** constants, and data area itself are **NOT** a programming interface.

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- DB2 Universal Database
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- DFSMS
- DFSMS/MVS
- DFSMSdfp
- DFSMSdss
- DFSMShsm
- DFSMSrmm
- DFSORT
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- eServer
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